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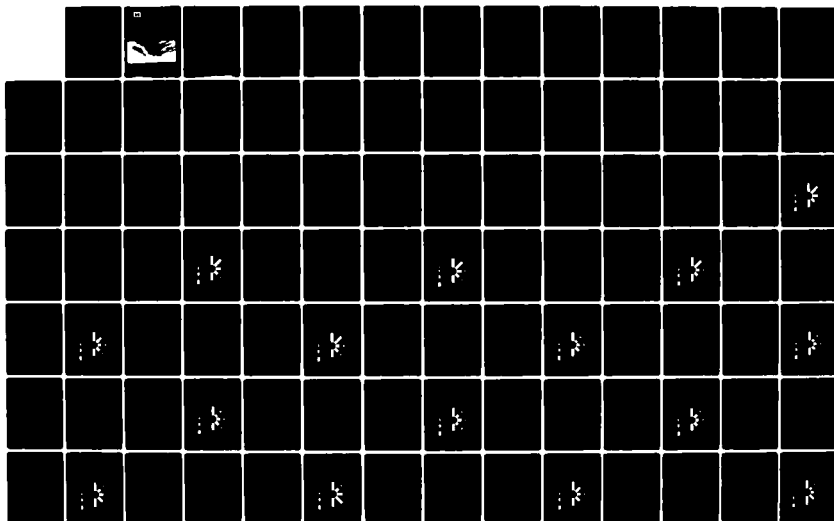
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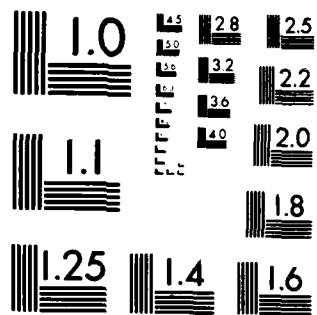
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ATLANTIC COAST HINDCAST, SHALLOW-WATER, SIGNIFICANT WAVE INFORMATION

by

Robert E. Jensen

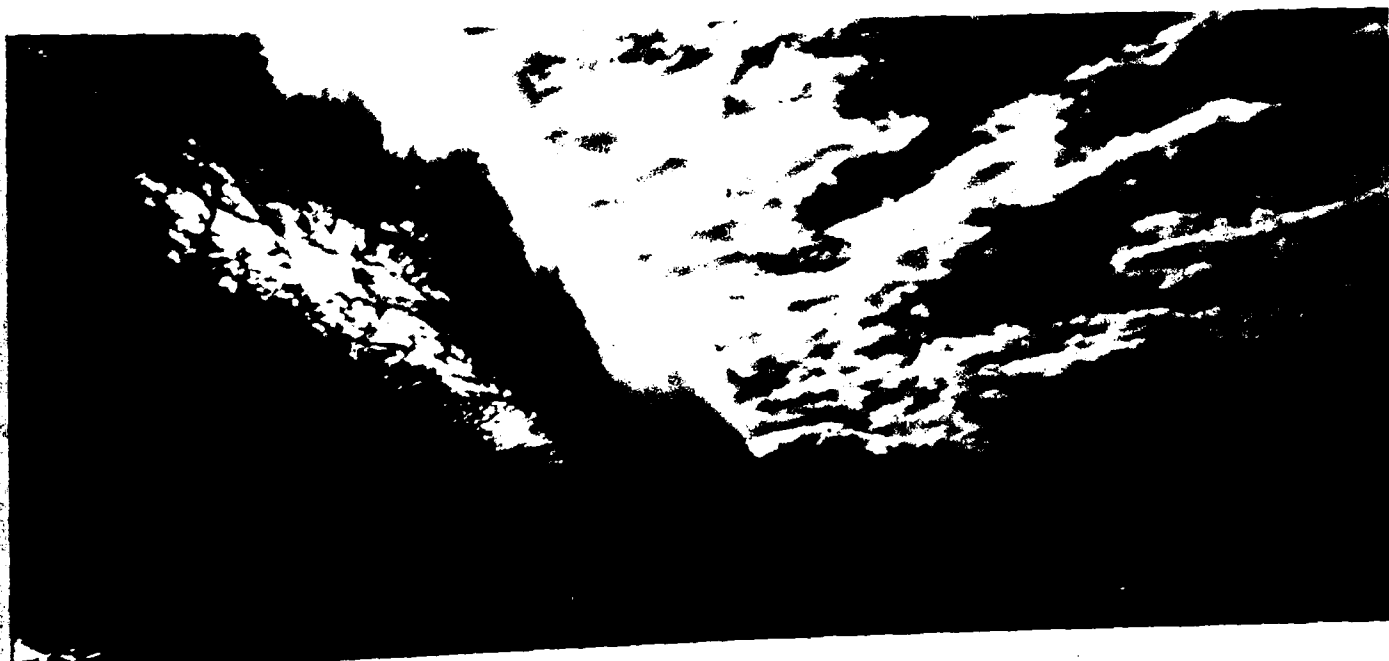
Hydraulics Laboratory

U. S. Army Engineer Waterways Experiment Station
P. O. Box 631, Vicksburg, Miss. 39180

WIS Report 9
January 1983

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WAVE INFORMATION STUDIES OF U.S. COASTLINES

Prepared for Office, Chief of Engineers, U.S. Army
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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER WIS Report 9	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) ATLANTIC COAST HINDCAST, SHALLOW-WATER, SIGNIFICANT WAVE INFORMATION		5. TYPE OF REPORT & PERIOD COVERED Final report
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) R. E. Jensen		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS U. S. Army Engineer Waterways Experiment Station Hydraulics Laboratory P. O. Box 631, Vicksburg, Miss. 39180		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Office, Chief of Engineers U. S. Army Washington, D. C. 20314		12. REPORT DATE January 1983
		13. NUMBER OF PAGES 711
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES Available from National Technical Information Service, 5285 Port Royal Road, Springfield, Va. 22151.		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Atlantic coast Mathematical models Water waves Wind waves		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) Using a numerical transformation technique, significant wave data (height, peak period, and direction) have been computed for the 20-year inter- val 1956 through 1975 for the U. S. Atlantic coast. The wave data are pre- sented for 166 stations in six data products: 1. Geographical variation in the wave climate; 2. Twenty-year percent occurrence tables: (Continued)		

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20. ABSTRACT (Continued).

- 3. Wave rose diagrams;
- 4. Mean and largest wave-height tables;
- 5. Return period tables, including wave parameter statistics;
- 6. "Over" duration tables.

A brief description of each product is given and some sections on use of the products, including examples, are provided.

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Preface

In late 1976, a study to produce a wave climate for U. S. coastal waters was initiated at the U. S. Army Engineer Waterways Experiment Station (WES). This Wave Information Study (WIS) was authorized by the Office, Chief of Engineers, U. S. Army, as a part of the Field Data Collection Program which is managed by the U. S. Army Coastal Engineering Research Center. The U. S. Army Engineer Division, South Atlantic, and the U. S. Army Engineer Division, New England, also authorized funds during the initial year of this study (FY 1978) to expedite execution of the Atlantic coast portion of this program.

This report, the ninth in a series, presents hindcast, significant wave data for the U. S. Atlantic coast. The study was conducted in the Hydraulics Laboratory under the direction of Mr. H. B. Simmons, Chief of the Hydraulics Laboratory, Dr. R. W. Whalin, former Chief of the Wave Dynamics Division, Mr. C. E. Chatham, Jr., present Chief of the Wave Dynamics Division. This report was prepared by Mr. R. E. Jensen. A special acknowledgement is due the Wave Information Study personnel, R. M. Brooks, W. D. Corson, B. A. Ebersole, J. E. Main, D. S. Ragsdale, T. L. Smith, Dr. D. T. Resio, and B. A. Tracy for their assistance in this work. Also, M. B. Habeeb and B. F. Vavra coordinated all activities associated with the final publication of this report.

Commanders and Directors of WES during the conduct of the study and the preparation and publication of this report were COL Nelson P. Conover, CE, and COL Tilford C. Creel, CE. Technical Director was Mr. F. R. Brown.



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Contents

	<u>Page</u>
Preface	1
Introduction	4
Geographical Variation in the Wave Climate	9
Description	9
Use of the diagrams	9
Twenty-Year Percent Occurrence Tables	9
Use of the tables	11
Example	11
Wave Rose Diagrams	12
Description	12
Use of the diagrams	13
Examples	13
Mean and Largest H_s Table	13
Description	13
Use of the tables	14
Example	14
Return Period for H_s and Mean Wave Parameter Tables	14
Description	14
Use of the tables	15
Duration Table	16
Description	16
Use of the table	16
Examples	17
Summary	18
References	19
Tables 1 and 2	
Plates 1-6	
Appendix A: Geographical Variation in the Wave Climate	A1
Appendix B: Stations 1 Through 33	B1
Appendix C: Stations 34 Through 71	C1
Appendix D: Stations 72 Through 94	D1
Appendix E: Stations 95 Through 124	E1
Appendix F: Stations 125 Through 153	F1
Appendix G: Stations 154 Through 166	G1

	<u>Page</u>
Appendix H: Return Period and Mean Wave Parameter Data	H1
Appendix I: Duration of Waves over a Specified Wave Height . . .	I1

ATLANTIC COAST HINDCAST, SHALLOW-WATER,
SIGNIFICANT WAVE INFORMATION

Introduction

1. The Atlantic Coast Wave Information Study (ACWIS) separated the wave climatology of the U. S. Atlantic coast into three phases:

Phase I - Numerical hindcast of deepwater wave data from historical surface pressure and wind data.

Phase II - Numerical hindcast at a finer scale than Phase I to better resolve the sheltering effects of the continental geometry. Phase I data serve as the boundary conditions at the seaward edge of the Phase II grid.

Phase III - Transformation of Phase II wave data into shallow water and inclusion of long waves.

Figure 1 presents a schematic of the relationships of the three phases and their approximate boundaries.

2. Phase III wave data have been computed for 166 shoreline stations approximately 10 miles (16 km) in length along the Atlantic coast (Plates 1-6). All station locations have been selected for data analysis (Plates 1-6 and Table 1). These stations have 20 years (1956-1975) of hindcast, shallow-water (10-m water depths), significant wave data (height, period, and direction) stored at 3-hr intervals. The water depth (10 m) remained constant throughout the analysis. Any differences in the wave characteristics caused by fluctuations in the water depth (due to tides and surges) were neglected. Waves generated from tropical storms were excluded in the analysis of this report. Water levels and wave heights from tropical storms will be analyzed in a separate section of ACWIS. The purpose of this report is to present various analyses of the ACWIS Phase III hindcast, significant wave data. This report is similar in format to WIS Reports 2 and 6 (Corson et al. 1981, Corson et al. 1982). Portions of the text provide the same types of products similar to the Phase I and II wave data.

3. The Phase III wave characteristics were generated from a different type of procedure common to the Phase I and II computations.

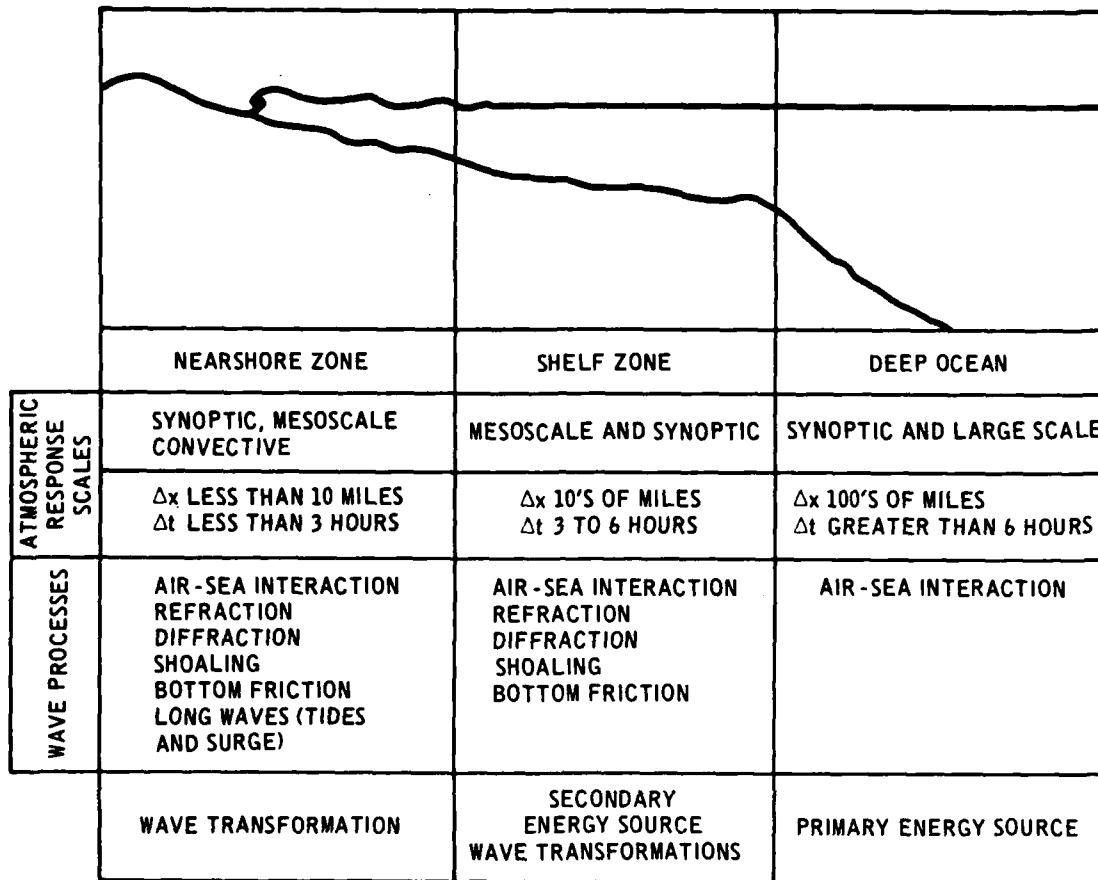


Figure 1. Conceptual diagram of the three phases of the Wave Information Study (WIS)

Phase I and II wave characteristics were generated from a numerical wave model which simultaneously propagated and transformed the data over a discrete grid. This approach could not be employed for the evaluation of the nearshore wave characteristics because of its relative computational costs; but more importantly, the transforming mechanisms within finite water depths have not been clearly defined in terms of their importance to the changes in wave conditions. The Phase III wave data were generated assuming straight and parallel bottom contours, and no additional energy sources were added to existing Phase II wave conditions.

4. There were two basic steps in the calculation of the

shallow-water wave climate. First, the given Phase II sea wave parameters (H_s , T_p , and Ψ) were used to construct a two-dimensional (frequency and wave direction) discrete spectrum. Only the energy bands (in the direction space) that were within ± 90 deg to shore normal for a given Phase III station were retained. The analysis became slightly more complex when wave sheltering was introduced (Table 2). The swell was assumed to be a unidirectional, monochromatic wave. If the deep-water swell mean direction of wave propagation was ± 90 deg to shore normal, then the data were analyzed.

5. The second step in the Phase III analysis assumed that the two wave populations were independent; thus the analysis of the sea and swell transformations into 10 m could be carried out separately. The transformation mechanisms common to both populations were refraction, shoaling, wave breaking, and wave sheltering (when applicable). One additional mechanism involved in the sea wave transformation was the influence due to nonlinear transfers of spectral energy, known as wave-wave interactions. As the understanding of shallow-water wave transformation mechanisms becomes more clearly understood, the Phase III data presented in this report will be updated. At the present time, the processes included in the Phase III methodology provide an accurate basis in the generation of a shallow-water wave climate.

6. In certain cases along the Atlantic coast, the assumption of straight and parallel offshore contours does not apply. Sheltering effects associated with the geometry of the coastline introduce significant deviations from the results derived from a straight coastline approximation. The amount of wave sheltering (or the selection of the sheltering angle) depends upon the location of the input Phase II station, relative to the given Phase III station being considered, and the location of the Phase II land boundary points relative to the actual shoreline. The Phase II wave conditions were then adjusted to compensate for these changes. A limited amount of subjectivity was involved in the selection of sheltered angles when the above variables were considered. Table 2 displays the values of sheltering angles used in the analysis of the shallow-water wave climate.

7. This report is intended only to serve as a general description of simple wave characteristics such as height, period, and direction. The wave data represent generalized conditions along each 10-mile (16 km) shoreline segment. Any man-made structures, or bottom topographic features smaller than the 10-mile (16 km) shoreline segments, were considered as subscale features and thus neglected. Only first-order shoreline changes were considered, namely the shoreline angle. The shoreline orientation for each Phase III station was measured clockwise in degrees from true north (0 deg, Figure 2). Generally, the shoreline angle will fall within a range between ± 90 deg from true north. Details concerning the Phase III wave calculations are given in WIS Report 8 (Jensen, in preparation).

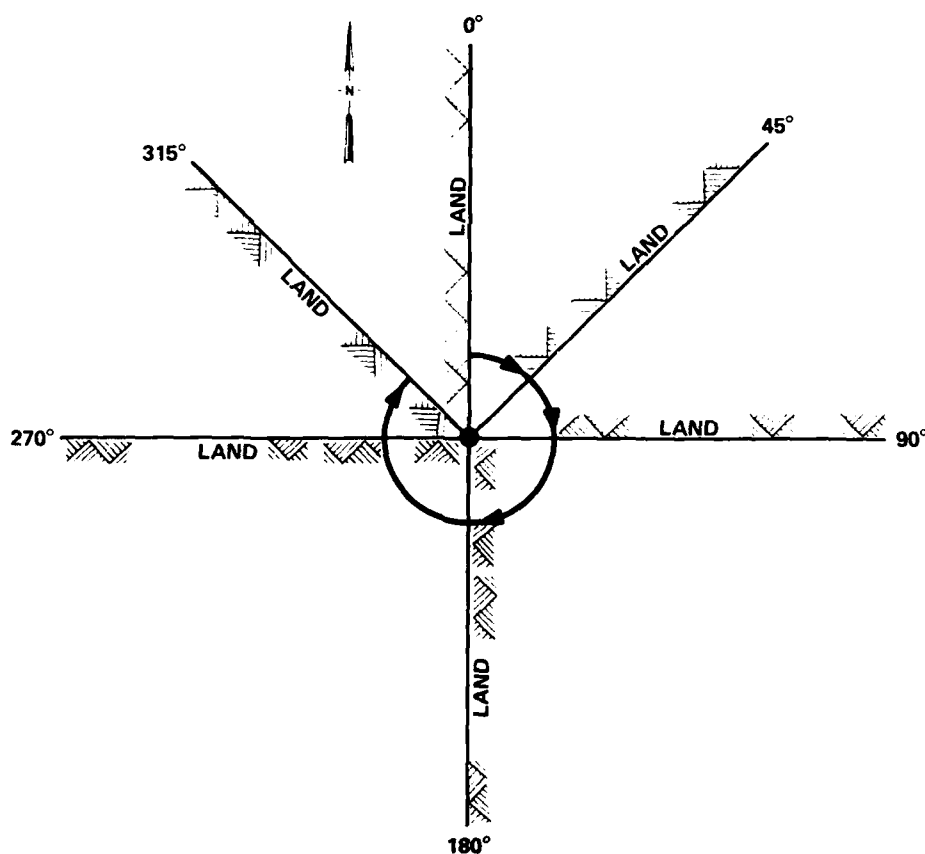


Figure 2. Schematic representation of the shoreline orientation

8. The significant wave height (H_s) analyzed represents the combined sea and swell; that is, the square root of the sum of the squares of the sea and swell significant wave heights ($H_s = \sqrt{H_{\text{swell}}^2 + H_{\text{sea}}^2}$). The wave period (T_p) and direction (Ψ) are of the dominant wave (i.e., if the sea H_s is larger, then the sea T and Ψ are given). The period is the period of the spectral peak (T_p). The value of the wave direction is the mean direction from which the waves are coming, relative to the shoreline orientation (Figure 3).

MIDPOINT OF PHASE III STATION SECTION

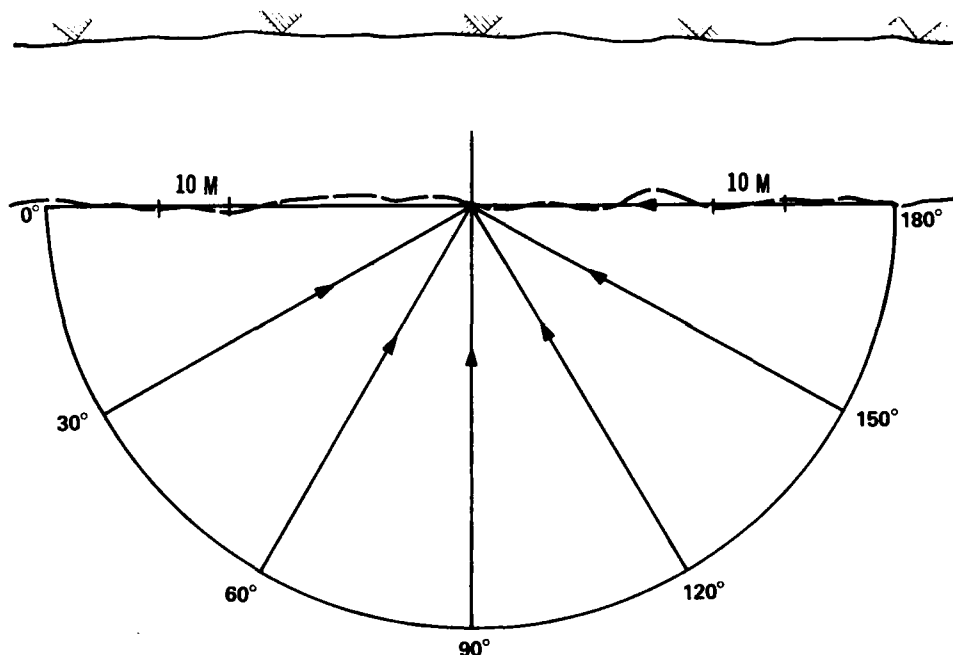


Figure 3. Coordinate system defining the direction of wave propagation (Ψ)

9. Six products are presented:
- a. Geographical variability of the mean H_s , and the maximum H_s , the standard deviation about the mean H_s , the mean T_p , and Ψ .
 - b. Twenty-Year Percent Occurrence Tables.
 - c. Wave Rose Diagrams.

- d. Mean and Largest H_s Tables.
- e. Return Period Tables, including the mean and standard deviation of H_s , the mean T_p , and the mean Ψ .
- f. Duration Tables for H_s over various specified values.

A brief description of each product is given and additional sections are provided on use of the products, including examples. The geographical variabilities of the mean parameters are presented in Appendix A. The percent occurrence tables, the wave rose diagrams, and the mean-largest H_s tables are provided for each individual station in Appendices B-G. These appendices are arranged by geographical regions shown in Plates 1-6. The return period and duration tables provide information for all stations and are presented in Appendices H and I.

Geographical Variation in the Wave Climate

Description

10. Six diagrams are presented in Appendix A that provide an overall view of the wave climate along the Atlantic coast. The geographical variation diagrams utilize the 20-year records (58,440) of H_s , T_p , and Ψ every 3 hr to compute the mean H_s , the standard deviation about the mean H_s , the maximum H_s , the mean T_p , and the mean Ψ . The mean Ψ 's are plotted relative to each shoreline orientation (Table 1 provides the shoreline angle) from 0 to 180 deg as shown in Figure 3. The geographical variation of the shoreline angle also is shown in Appendix A.

Use of the diagrams

11. The diagrams are intended as visual aids and are not appropriate for detailed analyses.

Twenty-Year Percent Occurrence Tables

12. Two types of tables are printed, 20-year azimuth tables and 20-year all direction tables. These data are based on the full 20-year Phase III hindcast record. In order to maintain a workable report size,

the seasonal tables provided in WIS Reports 2 and 6 were replaced by the 20-year percent occurrence tables.

13. The azimuth tables give the percent occurrence of significant waves in height and period ranges for all Phase III stations and directions. The title to each table identifies the station, water depth, shoreline angle (relative to true north), and wave approach direction range. The wave period ranges are in 1-sec intervals (except for the first increment where the range is from 0 to 2.9 sec and the last increment where the range is all periods greater than 11.0 sec). The height ranges are in half-metre increments. The direction ranges are in 30-deg intervals and are referenced to the shoreline orientation (Figure 3). Values in the direction tables represent the percent of the 20 years that waves occur from the specified direction bands for the indicated height and period ranges. The values have been multiplied by 1,000 to allow more accuracy with less printing space. Summations are provided in the last column and row of each table. The last line in each direction table contains the following information for the specified direction range:

- a. The average H_s .
- b. The largest H_s .
- c. The percent of waves occurring in the specified direction range.

14. The all-directions table is printed after the 150- to 179.9-deg direction table. The all-directions tables give the percent occurrence of significant waves within specified height and period ranges coming from all directions for 20 years for the indicated station. Values in the all-directions tables are multiplied by 100. The parameters listed in the last line of the all-directions tables are derived from all preceding directional tables for the full 20 years. There are always 58,440 cases analyzed, but not all cases resulted in finite wave conditions. If a "calm" condition exists in the Phase III data set, both sea and swell significant wave heights must be equivalent to zero. The Phase II sea wave characteristics (H_s , T_p , Ψ) are generated into a two-dimensional spectrum, in frequency and direction

bands. The energy density distribution over the discrete direction bands is assumed to be symmetric about the mean direction, Ψ , and distributed ± 90 deg from Ψ . If Ψ found in the Phase II data was directed 180 deg from normal to a given Phase III station (or all energy is propagating away from shore), the sea significant wave height found in the Phase III data is equal to zero. If the swell mean direction of wave propagation in the Phase II data were directed offshore, a zero swell significant wave height would result in the Phase III data set. Also, wave sheltering could limit wave conditions from propagation out of an offshore region such that measurable wave conditions would not occur at the shore. Therefore, the total sum for all occurrences at a given station may not be 100 percent, and that percentage can be considered as times of calm wave conditions. The angle class percentage found in each angle class table has been rounded to the nearest 0.1 percent which causes a slight difference in the total percent in the all-directions table and in summing the percent occurrence found in the individual angle class table.

Use of the tables

15. The tables have been developed to produce reliable information when applying the data sets under the aforementioned assumptions and constraints.

Example

16. In order to find the number of hours that waves between 3.0 and 3.5 m and 9.0 to 9.9 sec are expected to occur from 60 to 90 deg relative to the shoreline at Station 1 for the 20-year interval, the value read in the table for specified station, direction of wave propagation, height, and period should first be divided by 1,000 which for this example yields 0.013 percent (Appendix B, page B-1). Then 0.013 is divided by 100 to give the probability, and multiplied by the number of hours for the 20-year period (approximately 8,766 hr per year) to yield the number of hours that the specified wave is expected to occur. The simple conversion process is:

$$\left(\frac{\text{value read in table}}{1,000} \right) \div 100 \times \text{number of hours in time interval} = \text{number of hours specified wave is expected to occur}$$

For this example:

$$\frac{13}{1,000} \div 100 \times 175,320 = 23 \text{ hours}$$

17. The all-directions tables can be used in a similar fashion. To find the number of hours waves between 3.0 and 3.5 m are expected to occur within a year for Station 1 for all directions and periods, divide the value in the total column for the specified H_s range by 100 which yields a percent of 0.03 (page B-3). Divide 0.03 by 100 to get the probability, then multiply by the number of hours in one year; that is:

$$\frac{3}{100} \div 100 \times 8,766 = 3 \text{ hours}$$

18. To find the percentage of calms for the 20-year hindcast record at Station 1 (page B-3), add the total column for all H_s and divide by 100 which yields a percentage of 85.16. Subtract 85.16 from 100, which results in 14.84 percent of the wave conditions at Station 1 that are considered calm, or approximately 8,672 calm wave conditions.

Wave Rose Diagrams

Description

19. The wave rose diagrams utilize H_s and Ψ for the 20 years of hindcast data. The wave rose diagrams show the percent occurrence of H_s ranges from five direction ranges and the percent of waves occurring from the separate directions.

20. Similar to most wave rose diagrams, the width of each bar segment indicates the H_s range and the length of the bar segment indicates the percent occurrence of waves from a specified direction. The distance between each circle in the diagram is 10 percent. Each leg of the diagram represents 22.5 deg to either side of the primary direction

of the leg (except for 0 and 180 deg; for example, see Appendix B, page B-3). For example, the leg identified as 90 (or shore normal wave propagation), represents waves coming from 67.5 to 112.5 deg relative to the shoreline. The legs identified as 0 and 180 represent waves coming from 0 to 22.5 and 157.5 to 180 deg, respectively. The total percent in each angle class (found in the triangle at the end of each leg) is truncated at the nearest whole percent. When a zero appears in the triangle, and the H_s class is represented by only one class, that total percent of wave conditions coming from the range of angle bands is considered to be equal to zero. For example, Station 1 (Appendix B, page B-3) displays a zero in the leg identified as 180 and also the following leg (wave approach angles from 112.5 to 157.5 deg). The percent occurrences from these direction classes are equal to zero with no waves coming from the above angles.

Use of the diagrams

21. The diagrams are intended as visual aids and are not appropriate for detailed analysis.

Examples

22. The wave rose diagram for Station 1 indicates that in the 20-year hindcast, 58 percent of the waves were propagating from 22.5 to 67.5 deg relative to the shoreline (or coming from a southeasterly direction relative to the shoreline). Of the 58 percent, approximately 54 percent were less than 0.5 m, approximately 34 percent were between 0.5 and 1.0 m, approximately 9 percent were between 1.0 and 1.5 m, approximately 2 percent were between 1.5 and 2.0 m, and approximately 1 percent was between 2.0 and 2.5 m (page B-3).

Mean and Largest H_s Tables

Description

23. Two tables that summarize the mean and largest H_s for each month and year are provided for each station. The mean table also provides a mean monthly value and mean yearly value of H_s . The largest H_s table provides the largest H_s hindcast for each month in each

year, as well as the largest H_s hindcast for the specified station.

Use of the tables

24. The tables can be used as a quick reference in determining gross estimates of the wave climate of an area. Due to extreme variations in wave heights, the mean H_s value is of little use beyond gross estimates. The largest H_s value provides an idea of what extreme significant wave heights might occur; however, other data products presented in this report can assist in determining how often to expect extreme values and how long they are expected to occur.

Example

25. To determine the mean H_s at Station 1 for January 1956, simply read the value in the specified column and row (page B-4). The mean H_s for 1956 is given in the MEAN column opposite 1956. The mean H_s for all January's is given in the MEAN row under JAN. For this example:

- a. The mean H_s for JAN 1956 = 0.1 m.
- b. The mean H_s for 1956 = 0.4 m.
- c. The mean H_s for all JAN's = 0.5 m.

The largest H_s table can be read in a similar fashion, and by scanning the columns and rows, additional information can be determined:

- a. The largest H_s for JAN 1956 = 1.3 m.
- b. The largest H_s for 1956 = 2.6 m.
- c. The largest H_s for all JAN's = 3.2 m.

Return Period for H_s and Mean Wave Parameter Tables

Description

26. Since extreme wave conditions are important in most coastal design procedures, a careful analysis of extreme wave heights was performed. In order to obtain a reasonably homogeneous, independent sample of wave heights for the analysis of wave extremes along the east coast, wave heights are first separated into events associated with particular meteorological conditions. Basically, the concept here is to obtain

representative groupings of storm conditions before proceeding with the usual kind of statistical analysis of extremes. The return period portion of the table found in Appendix H shows the results of applying this procedure to isolate extreme waves from "northeasters" (tropical storms were excluded) along the east coast. It should be noted that the extremal analysis for Phase III depends significantly on the water depth and that a constant depth of 10 m was used in this analysis. An upper limit on the maximum H_s will result, assuming no changes in water depth. A conservative approximation to this would be to assume $H_{s_{max}} = 7.8 \text{ m}$ (or $H_{s_{max}} = 0.78 \times \text{depth}$, via solitary wave theory). Vincent

(1981) discusses an alternate method which could also be considered. For more detailed analyses, one would need to consider the changes in the water depth caused by storm surges and tides.

27. Also provided in the table are estimates for the mean H_s , the standard deviation about the mean, the mean wave period, and mean direction of wave propagation, measured relative to the shoreline at each Phase III station. All values were derived from the full 20 years of hindcast data.

Use of the tables

28. One type of error that could affect the results of extreme analysis would be a bias between the hindcast waves for a station and waves occurring at that site. The assumption of constant water depth within the Phase III analysis will bias those storm conditions producing significant changes in the water depth (caused by surge effects), thus resulting in the capability of producing even larger H_s results (because of the depth dependence on the maximum H_s). Additionally, bias in the results can be expected in the extremal distribution if the random error in the transformation technique employed in the Phase III analysis is larger compared with the expected natural variation in wave height. It is expected that the hindcast extremes presented in the tables (Appendix H) provide a valid representation of shallow-water extremes produced by northeasters along the U. S. Atlantic coast. For points south of Cape Hatteras, tropical storms will probably dominate

the extremal wave-height distribution, and along the entire Atlantic coast south of Cape Cod, tropical storms should be considered along with northeasters in any design consideration.

29. The mean wave condition variables as well as the standard deviation about the mean H_s can be used as a quick reference in determining gross estimates of the wave climate at a Phase III station. Due to extreme variations in wave heights, peak wave periods, and directions of wave propagation, the mean H_s , T_p , and Ψ values are of little use beyond gross estimates. The largest H_s value (given in the table as the 21-year return period for H_s), provides an idea of what extreme significant wave heights might occur; however, other data products presented in this report can assist in determining how often to expect extreme values and how long they are expected to occur.

Duration Table

Description

30. This table (Appendix I) contains H_s duration information for all Atlantic coast shallow-water stations. The values given in the table are the mean duration in hours (\bar{x}) and the maximum duration in hours (mx). Duration is defined as the length of time a wave height (H_s) persists once the wave height has been exceeded. The computations used data from the 20-year hindcast wave data.

Use of the table

31. For shallow-water sequences of wave heights, discretized sets of durations are formed of wave heights above a specified level after that level is exceeded. Each element of an individual set is a single duration event and the expected duration above a specified level is equal to the mean of all elements in the set. Thus:

$$\bar{x}_j = \sum_{i=1}^{n_j} x_{ij}$$

where the subscript j is an incremented wave-height counter for significant wave height H_j , i is a counter for duration events, n_j is the number of times that a particular significant wave height was exceeded, and x_{ij} is the duration of a single event with significant wave heights above level H_j . In this formulation, a number of other useful duration parameters from the 20-year sample can be estimated:

- a. $x_{j\max}$ - the maximum duration of significant waves above H_j .
- b. $x_{j\min}$ - the minimum duration of significant waves greater than H_j .*
- c. $p(x_j)$ - the probability of occurrence of a particular duration of significant wave heights greater than H_j .
- d. $F(x_j)$ - the cumulative probability of occurrence of durations less than x for a particular H_j category.
- e. $F'(x_j)$ - the cumulative probability that a duration event in category H_j will exceed length x .

32. In particular, the parameter $F'(x_j)$ plays a significant role in the assessment of design criteria when such criteria are based on expected damage as a function of duration of given wave conditions. For example, if the wave height associated with a 20-year return period has an expected duration of 3 hr and it takes a 6-hr duration to significantly damage a structure, it becomes relevant to determine the probability of a 6-hr (or greater) duration at this wave height. In this sense, the design wave height would become a function of both wave height and duration, and optimization of design would require the consideration of both $F(x_j)$ and $F'(x_j)$.

Example

33. To find the mean and maximum duration for significant waves greater than 3 m and less than 3.5 m for Station 1, look up Station 1

* Since this is calculated only when H_j is exceeded, this number is not zero; however, for most intermediate to high wave heights, the value of $x_{j\min}$ is equal to the duration associated with one sample. Only for small waves does this parameter have some significance.

in the table and read the values in the greater than 3.0-m row. For this example, 7 hr is the mean and 24 hr is the maximum (page I-1).

Summary

34. The data presented in this report were produced by transforming two populations of wave conditions (sea and swell) from deep water (Phase II) into 10 m of water. The three most important assumptions governing the Phase III methodology were: (a) bottom contours were straight and parallel, (b) no additional energy sources were presented between the input location (Phase II stations) and the resulting near-shore station (Phase III shoreline segment), and (c) sea and swell were independent of each other. Also, data presented for each Phase III station are assumed to be generalized wave conditions occurring along the 10-mile (16 km) station segment.

35. Since coastal problems require various methods of data analysis, and since all desired methods for data analysis cannot be presented in a report, plans have been made to make the hindcast wave data available through a computer-based analytical system (to be called Sea-State Engineering Analysis System, or SEAS). Once operative, this system will enable the engineer or scientist to access the wave information for all Phase III stations and process the information as desired. However, until the system is operative, reports will be prepared that attempt to provide the wave data in forms most widely used by engineers and scientists.

References

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Table 1
Shoreline Points for Atlantic Coast Phase III Wave Information Study

Station Number	Latitude	Longitude	Shoreline Angle, deg	Description
1	44.42°	68.95°	54	West Doudy Head, Maine
2	44.40°	67.12°	59	~2 nautical miles south of Moose Cove, Maine
3	44.40°	67.10°	62	Cross Island, Maine
4	44.40°	67.42°	68	Black Head Island, Maine
5	44.42°	67.46°	56	Bois Robert Island, Maine
6	44.13°	68.03°	55	Schoodic Island, Maine
7	44.24°	68.20°	37	Baker Island, Maine
8	44.13°	68.11°	61	Long Island Head, Maine
9	44.04°	68.55°	50	Great Spoon Island, Maine
10	43.86°	68.81°	78	Wooden Hall Island, Maine
11	43.77°	69.12°	73	Mohegan Island, Maine
12	43.68°	69.58°	40	Pumpkin Island, Maine
13	43.70°	69.84°	90	Cape Swall (Snail Point), Maine
14	43.68°	70.09°	30	Jewell Island, Maine
15	43.54°	70.23°	53	Richmond Island (Adam Head), Maine
16	43.41°	70.38°	54	Hovt Neck, Maine
17	43.11°	70.56°	14	Wells Beach, Maine
18	43.16°	70.59°	33	Cape Neddick, Maine
19	43.04°	70.71°	28	Odiorne Point, New Hampshire
20	42.89°	70.70°	359	Hampton Harbor Entrance, New Hampshire
21	42.73°	70.78°	295	Plum Island, Massachusetts
22	42.64°	70.87°	49	Thacker Island, Massachusetts
23	42.56°	70.77°	35	Gales Point (Manchester), Massachusetts
24	42.43°	70.40°	335	East Point (Wahant), Massachusetts
25	42.27°	70.82°	121	Near Nantasket Beach, Massachusetts
26	42.13°	70.63°	135	Hunarock Beach, Massachusetts
27	42.00°	70.58°	244	Rocky Point (Plymouth Bay), Massachusetts
28	42.08°	70.17°	308	Near Race Point (Cape Cod), Massachusetts
29	41.97°	70.00°	343	Highlands (Cape Cod), Massachusetts
30	41.82°	69.94°	1	1/2 nautical mile north of Nauset Harbor Entrance, Massachusetts
31	41.65°	69.95°	17	1/2 nautical mile north of Chatham Harbor Entrance, Massachusetts
32	41.37°	70.02°	326	Great Point (Nantucket Island), Massachusetts
33	41.28°	69.97°	98	Sankaty Head (Nantucket Island), Massachusetts
34	41.26°	70.16°	108	Madaket (Nantucket Island), Massachusetts
35	41.15°	70.16°	83	Wauque Point (Chappaquiddick Island), Massachusetts
36	41.15°	70.16°	48	Near Fishery Great Pond (Martha's Vineyard), Massachusetts
37	41.25°	70.82°	143	Nomans Land Island, Massachusetts
38	41.41°	70.95°	99	Cuttyhunk Island, Massachusetts
39	41.46°	71.17°	88	Warren Point, Rhode Island
40	41.45°	71.39°	41	Reavertall Point (Conanicut Island), Rhode Island
41	41.16°	71.48°	11	Point Judith, Rhode Island
42	41.15°	71.55°	70	Southeast Point (Block Island), New York
43	41.07°	71.86°	67	Montauk Point (Long Island), New York
44	40.99°	72.05°	68	Wither Hills Saint Park Beach (Long Island), New York
45	40.92°	72.25°	65	~1 nautical mile south of Georgia Pond (Long Island), New York
46	40.85°	72.45°	69	~1.5 nautical miles north of Shinnecock Inlet, New York
47	40.79°	72.65°	68	Weathampt Beach (Long Island), New York
48	40.74°	72.86°	67	Great South Beach (Fire Island), New York
49	40.67°	73.05°	77	Great South Beach (Fire Island), New York
50	40.62°	73.42°	74	~2 nautical miles north of Democrat Point (Fire Island), New York
51	40.60°	73.48°	90	Tobay Beach, New York
52	40.58°	73.70°	40	Lomp Beach, New York
53	40.56°	73.91°	19	~1.5 nautical miles north of Rockaway Point, New York
54	40.40°	73.94°	4	Sandy Hook, New Jersey
55	40.23°	74.09°	13	~2.5 nautical miles north of Shark River Inlet, New Jersey
56	40.07°	74.04°	9	Bay Head, New Jersey
57	39.90°	74.08°	12	Seaside Park, New Jersey
58	39.74°	74.12°	12	~1 nautical mile south of Barnegat Inlet, New Jersey
59	39.59°	74.23°	33	Spray Beach, New Jersey
60	39.16°	74.32°	34	Between Brigantine and Little Egg Inlets, New Jersey
61	38.34°	74.47°	54	Atlantic City, New Jersey
62	39.23°	74.63°	31	Peck Beach, New Jersey
63	39.09°	74.73°	35	Seven Mile Beach, New Jersey
64	38.95°	74.85°	51	Two Mile Beach, New Jersey
65	38.78°	75.09°	153	Cape Henlopen, Delaware
66	38.62°	75.06°	357	Near Indian River Inlet, Delaware
67	38.46°	75.05°	12	Near Fenwick Island Light, Delaware
68	38.30°	75.11°	27	~1.5 nautical miles south of Ocean City, Maryland
69	38.14°	75.17°	26	Assateague Island (North), Maryland
70	37.99°	75.27°	35	Assateague Island (South), Virginia
71	37.86°	75.36°	53	Assateague Island (South), Virginia
72	37.77°	75.54°	22	~1/2 nautical mile south of Gargathy Inlet, Virginia
73	37.61°	75.61°	20	Cedar Island, Virginia
74	37.45°	75.66°	28	Hog Island, Virginia
75	37.31°	75.77°	30	Cobb Island, Virginia
76	37.15°	75.86°	28	Smith Island, Virginia
77	36.92°	75.99°	342	Cape Henry, Virginia
78	36.73°	75.94°	339	Sand Bridge, Virginia
79	36.57°	75.87°	348	False Cape, Virginia
80	36.41°	75.83°	346	Corolla, North Carolina
81	36.25°	75.71°	340	Duck, North Carolina
82	36.09°	75.70°	332	Kitty Hawk Beach, North Carolina
83	35.94°	75.61°	335	Nags Head, North Carolina
84	35.81°	75.55°	339	~1.5 nautical miles north of Oregon Inlet, North Carolina
85	35.66°	75.48°	2	~3.5 nautical miles north of Rodanthe (Hatteras Island), North Carolina
86	35.49°	75.48°	12	~3 nautical miles south of Salvo (Hatteras Island), North Carolina
87	35.32°	75.51°	8	~2 nautical miles south of Avon (Hatteras Island), North Carolina
88	35.25°	75.49°	76	Tip of Cape Hatteras to ~A nautical miles west southwest of Cape
89	35.22°	75.66°	68	~7 nautical miles southwest of Cape Hatteras (Hatteras Island), North Carolina
90	35.15°	75.85°	54	~4 nautical miles south of Hatteras Inlet (Ocracoke Island), North Carolina
91	35.07°	76.00°	52	Ocracoke, North Carolina
92	34.97°	76.16°	48	Portsmouth Island, North Carolina
93	34.86°	76.30°	43	~1 nautical mile north of Drum Inlet, North Carolina
94	34.74°	76.43°	34	Core Banks, North Carolina
95	34.59°	76.54°	121	Cape Lookout, North Carolina
96	34.68°	76.70°	87	~1 nautical mile south of Beaufort Inlet, North Carolina
97	34.68°	76.90°	75	Bogue Banks, North Carolina
98	34.64°	77.08°	64	~1/2 nautical miles north of Bogue Inlet, North Carolina
99	34.57°	77.27°	56	Ocracoke Beach, North Carolina
100	34.48°	77.44°	54	Sea Haven Beach, North Carolina

(Continued)

Table 1 (Concluded)

Station Number	Latitude	Longitude	Shoreline Angle, deg	Description
101	34.38°	77.61°	44	Topmati Beach, North Carolina
102	34.23°	77.75°	79	Figure Eight Island, North Carolina
103	34.12°	77.85°	20	~2.5 nautical miles north of Carolina Beach Inlet, North Carolina
104	33.96°	77.92°	19	Kure Beach, North Carolina
105	33.85°	77.97°	118	Tip of Cape Fear to ~4 nautical miles east northeast of Cape
106	33.91°	78.11°	90	~2.5 nautical miles west of Cape Fear River Entrance, North Carolina
107	33.91°	78.31°	74	Holden Beach, North Carolina
108	33.87°	78.50°	70	Sunset Beach, North Carolina
109	33.81°	78.69°	56	Crescent Beach, South Carolina
110	33.71°	78.85°	41	Wattle Beach, South Carolina
111	33.59°	79.39°	37	Surfside Beach, South Carolina
112	33.45°	79.10°	20	Litchfield Beach, South Carolina
113	33.30°	79.17°	17	North Island, South Carolina
114	33.14°	79.24°	36	Santee Point, South Carolina
115	33.00°	79.36°	65	Cape Roman, South Carolina
116	32.92°	79.58°	50	Hull Island, South Carolina
117	32.81°	79.72°	53	Isle of Palms, South Carolina
118	32.71°	79.88°	45	Morris Island (~2 nautical miles south of Charleston Harbor), South Carolina
119	32.61°	80.04°	71	Kiauwah Island, South Carolina
120	32.56°	80.22°	49	Botany Bay Island, South Carolina
121	32.39°	80.43°	48	Hunting Island, South Carolina
122	32.27°	80.58°	49	Bull Point at Port Royal Sound, South Carolina
123	32.16°	80.72°	34	Hilton Head Island, South Carolina
124	32.02°	80.83°	37	Tybee Island, Georgia
125	31.89°	80.96°	42	Wassaw Island, Georgia
126	31.76°	81.06°	18	Onslow Island, Georgia
127	31.60°	81.15°	25	Saint Catherine Island, Georgia
128	31.50°	81.23°	21	Blackward Island, Georgia
129	31.29°	81.28°	24	Little Saint Simons Island, Georgia
130	31.14°	81.38°	14	Saint Simons Island, Georgia
131	30.98°	81.41°	9	Little Cumberland Island, Georgia
132	30.81°	81.45°	357	Cumberland Island, Georgia
133	30.64°	81.43°	352	Fernandina Beach, Florida
134	30.48°	81.41°	350	Little Talbot Island, Florida
135	30.31°	81.39°	348	Jacksonville Beach, Florida
136	30.15°	81.35°	349	Wickler Landing, Florida
137	29.98°	81.31°	344	~5 nautical miles north of Saint Augustine, Florida
138	29.82°	81.28°	346	Saint Augustine Beach, Florida
139	29.66°	81.21°	340	~3 nautical miles south of Matanzas Inlet, Florida
140	29.51°	81.14°	338	Flagler Beach, Florida
141	29.35°	81.07°	337	Ormond Beach, Florida
142	29.20°	81.00°	334	Seabreeze, Florida
143	29.05°	80.90°	331	New Smyrna Beach, Florida
144	28.90°	80.81°	330	Eldora, Florida
145	28.76°	80.71°	326	Monquito Lagoon Beach, Florida
146	28.62°	80.60°	337	Titusville Beach, Florida
147	28.47°	80.53°	24	Cape Canaveral, Florida
148	28.31°	80.61°	354	Cocoa Beach, Florida
149	28.15°	80.58°	340	Satellite Beach, Florida
150	27.99°	80.52°	334	Melbourne Beach, Florida
151	27.85°	80.44°	337	~1.5 nautical miles south of Sebastian Inlet, Florida
152	27.68°	80.37°	337	Riviera, Florida
153	27.52°	80.31°	339	~1 nautical miles north of Fort Pierce Inlet, Florida
154	27.37°	80.25°	338	Hutchinson Island, Florida
155	27.21°	80.17°	338	~2.5 nautical miles north of Saint Lucie Inlet, Florida
156	27.06°	80.11°	342	Jupiter Island, Florida
157	26.89°	80.06°	347	~1 nautical miles south of Jupiter Inlet, Florida
158	26.73°	80.03°	1	Palm Beach, Florida
159	26.56°	80.04°	12	Delray Beach, Florida
160	26.39°	80.07°	7	Boca Raton, Florida
161	26.23°	80.09°	8	Pompano Beach, Florida
162	26.06°	80.11°	7	Hollywood Beach, Florida
163	25.90°	80.12°	6	Miami Beach, Florida
164	25.72°	80.15°	11	Key Biscayne, Florida
165	25.52°	80.17°	18	Boca Chita Key, Florida
166	25.37°	80.24°	30	Old Rhodes Key, Florida

Table 2
Sheltered Phase III Stations

Station No.	Sheltered Angle, deg	Station No.	Sheltered Angle, deg
1	80-180	77	140-180
2	90-180	78	150-180
3	110-180	79	160-180
4	120-180	89	0-20
5	130-180	91	160-180
6	120-180	92	160-180
12	0-50	93	160-180
13	0-70	94	150-180
14	140-180	95	0-60
15	0-30	96	160-180
16	0-50	97	0-30; 160-180
17	0-30; 150-180	98	0-20; 150-180
18	0-50	99	0-20; 150-280
19	0-60; 160-180	100	0-20; 150-180
20	0-30; 140-180	101	0-20; 150-180
21	91-180	102	0-10; 130-180
22	0-90	103	140-180
23	0-90	104	140 0
24	0-40; 120-180	105	0-70
25	0-40; 130-180	106	0-40; 160-180
26	0-70; 150-180	107	0-30; 160-180
27	80-180	108	0-30; 160-180
28	150-180	109	0-20; 150-180
37	0-80	110	0-20; 140-180
39	0-50; 150-180	111	0-20; 150-180
40	0-30; 120-180	112	140-180
41	100-180	113	150-180
49	0-30	115	0-10
50	0-40	119	0-20
51	0-50	121	0-20; 170-180
52	0-60	122	0-10
53	120-180	123	160-180
54	120-180	124	0-10; 170-180
55	130-180	125	0-20
56	140-180	126	150-180
57	150-180	127	170-180
64	0-40	129	0-20
65	130-180	130	0-20; 160-180
66	140-180	131	0-20; 170-180
67	160-180	132	0-10; 160-180
71	0-30	133	160-180
72	150-180	134	170-180
73	160-180	147	0-40
74	0-30	148	0-20; 150-180
75	0-40	149	160-180
76	0-40	150	160-180

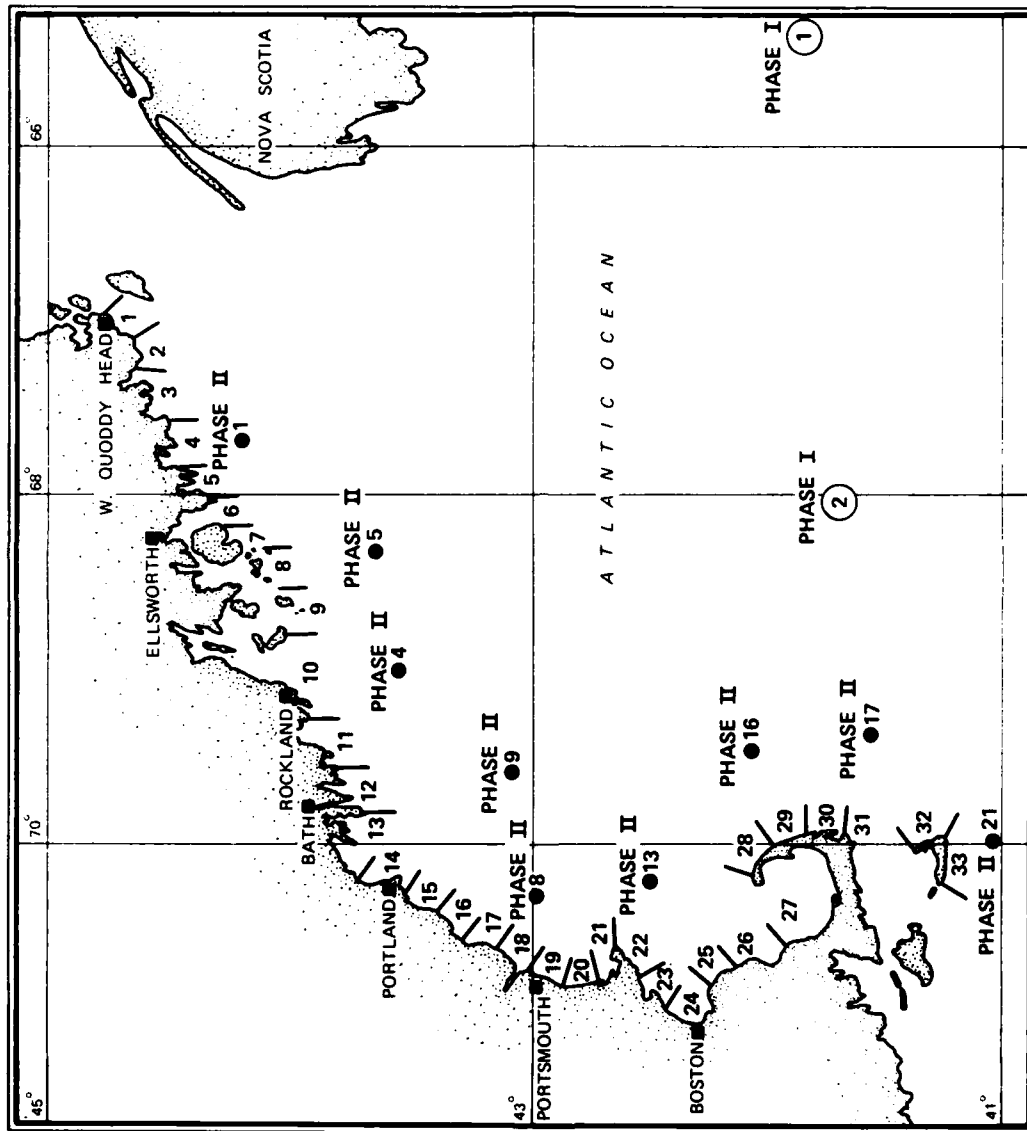


Plate 1. Locations of Phase III stations for shallow-water wave information along the Atlantic coast, region 1

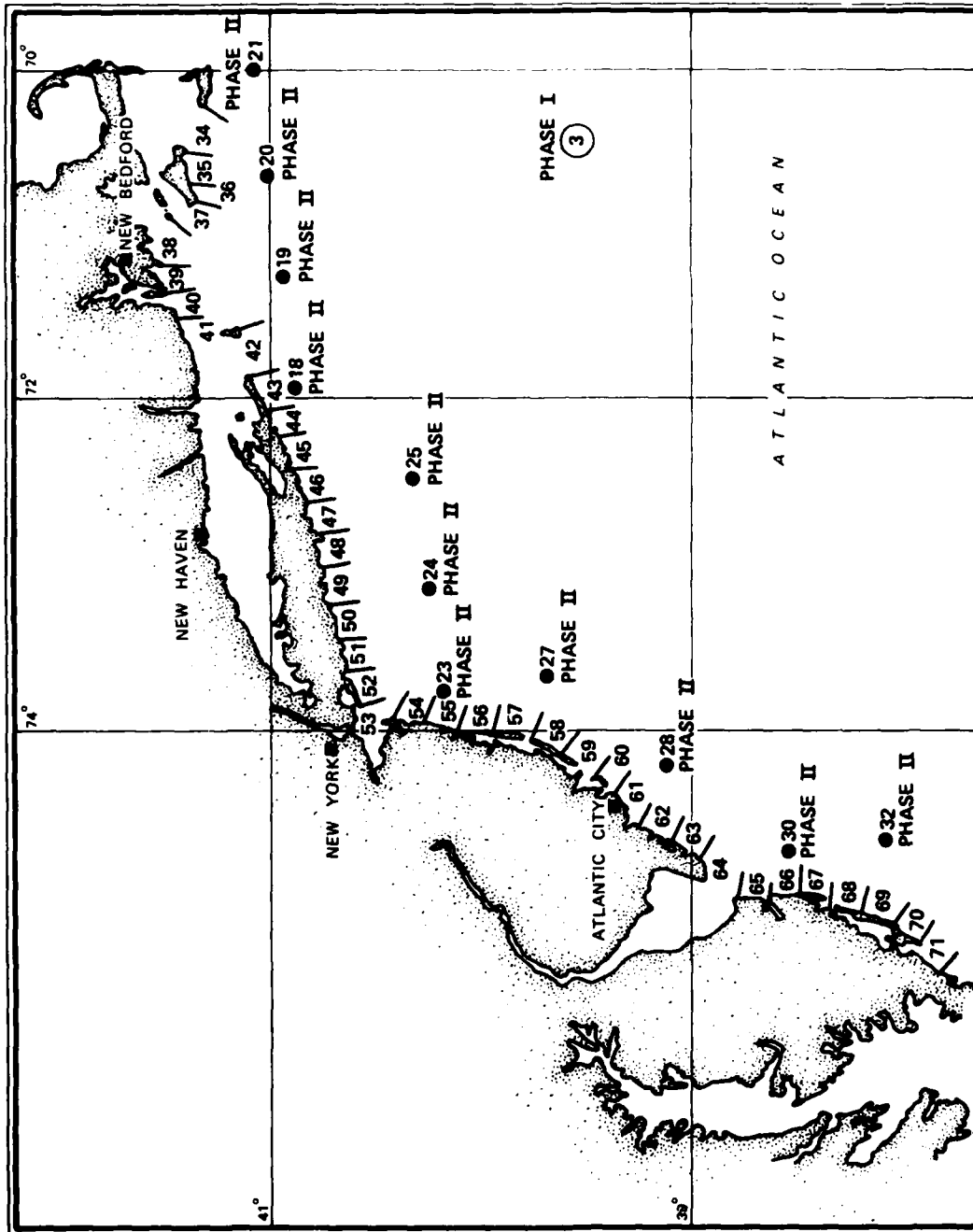


Plate 2. Locations of Phase II stations for shallow-water wave information along the Atlantic coast, region 2

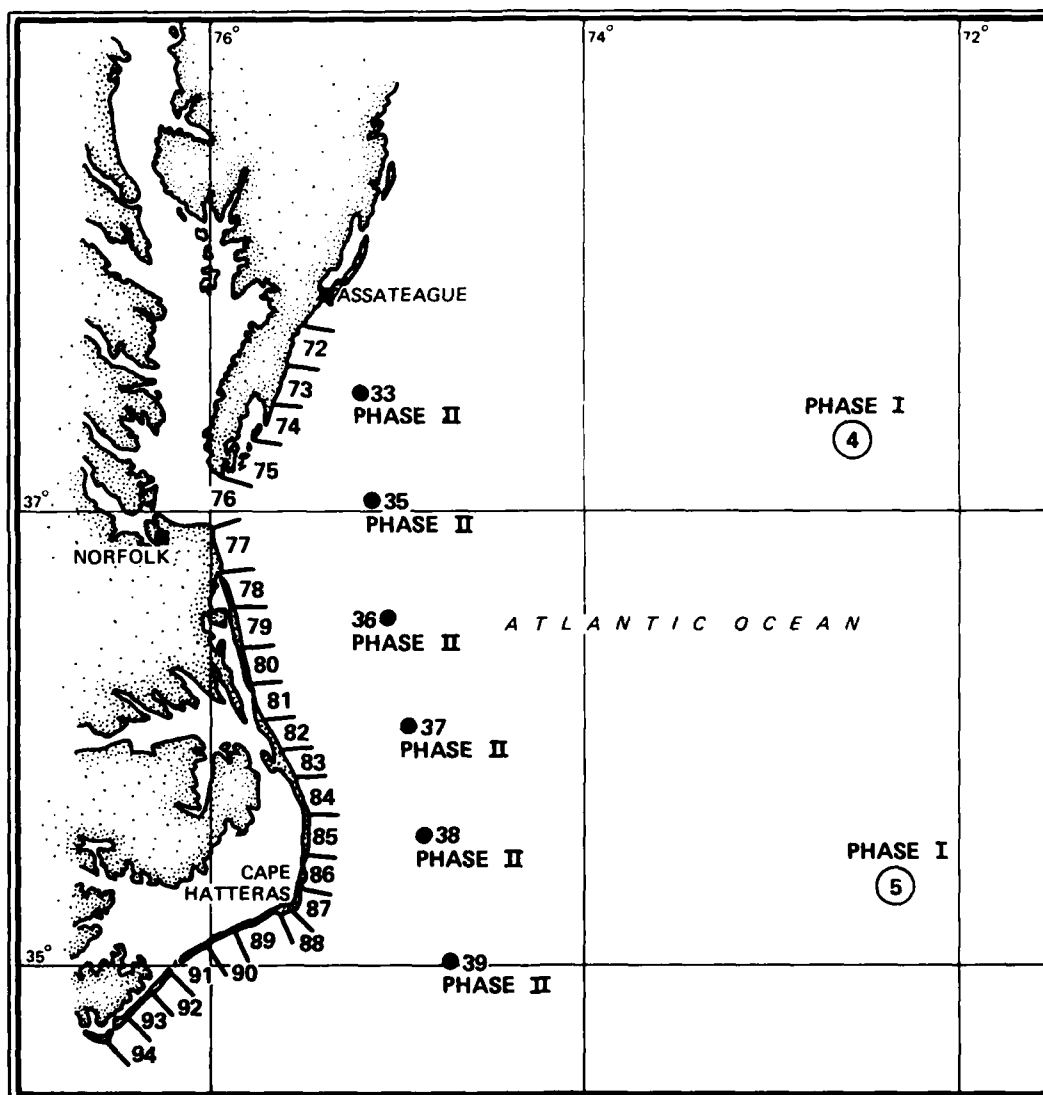


Plate 3. Locations of Phase III stations for shallow-water wave information along the Atlantic coast, region 3

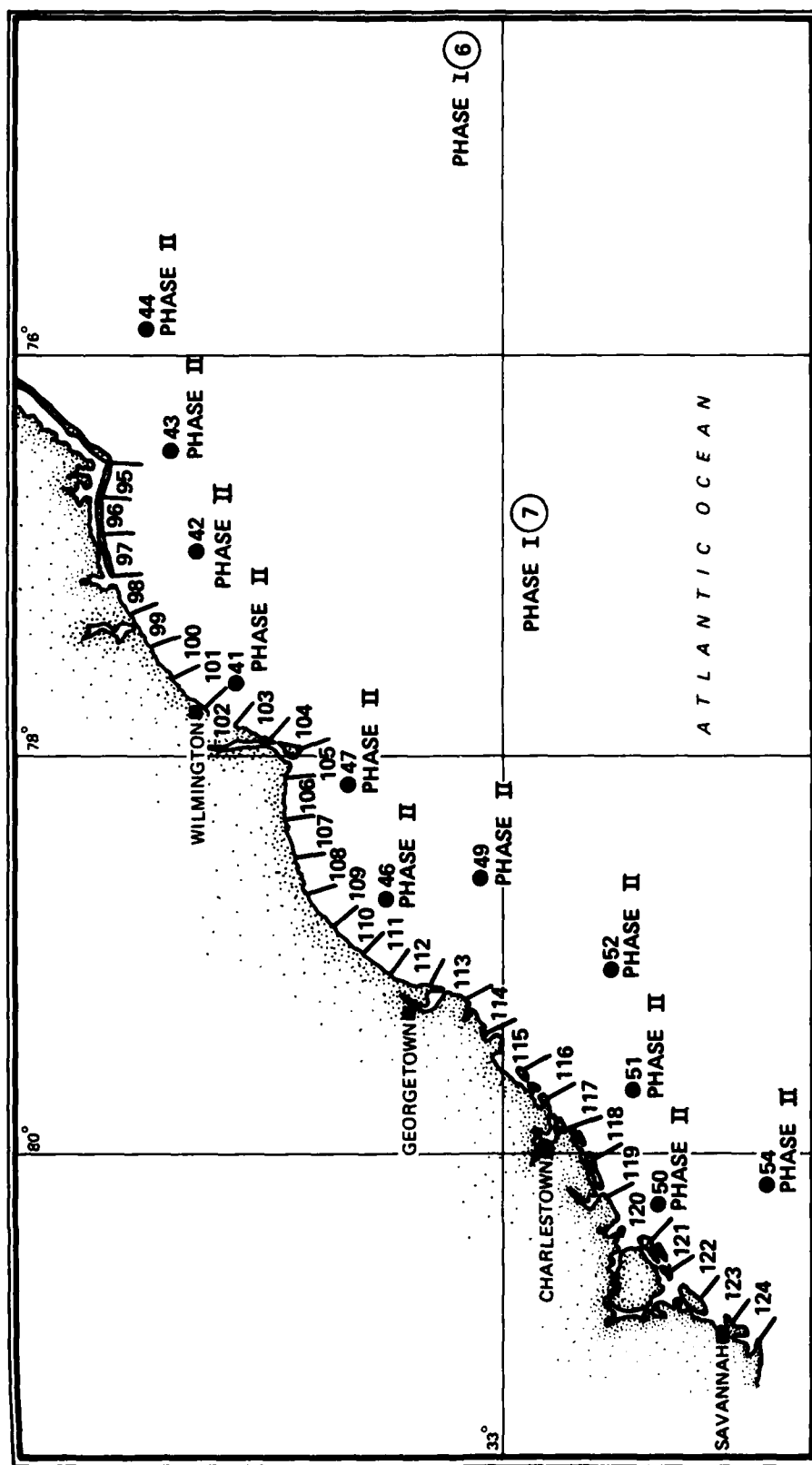


Plate 4. Locations of Phase III stations for shallow-water wave information along the Atlantic coast, region 4

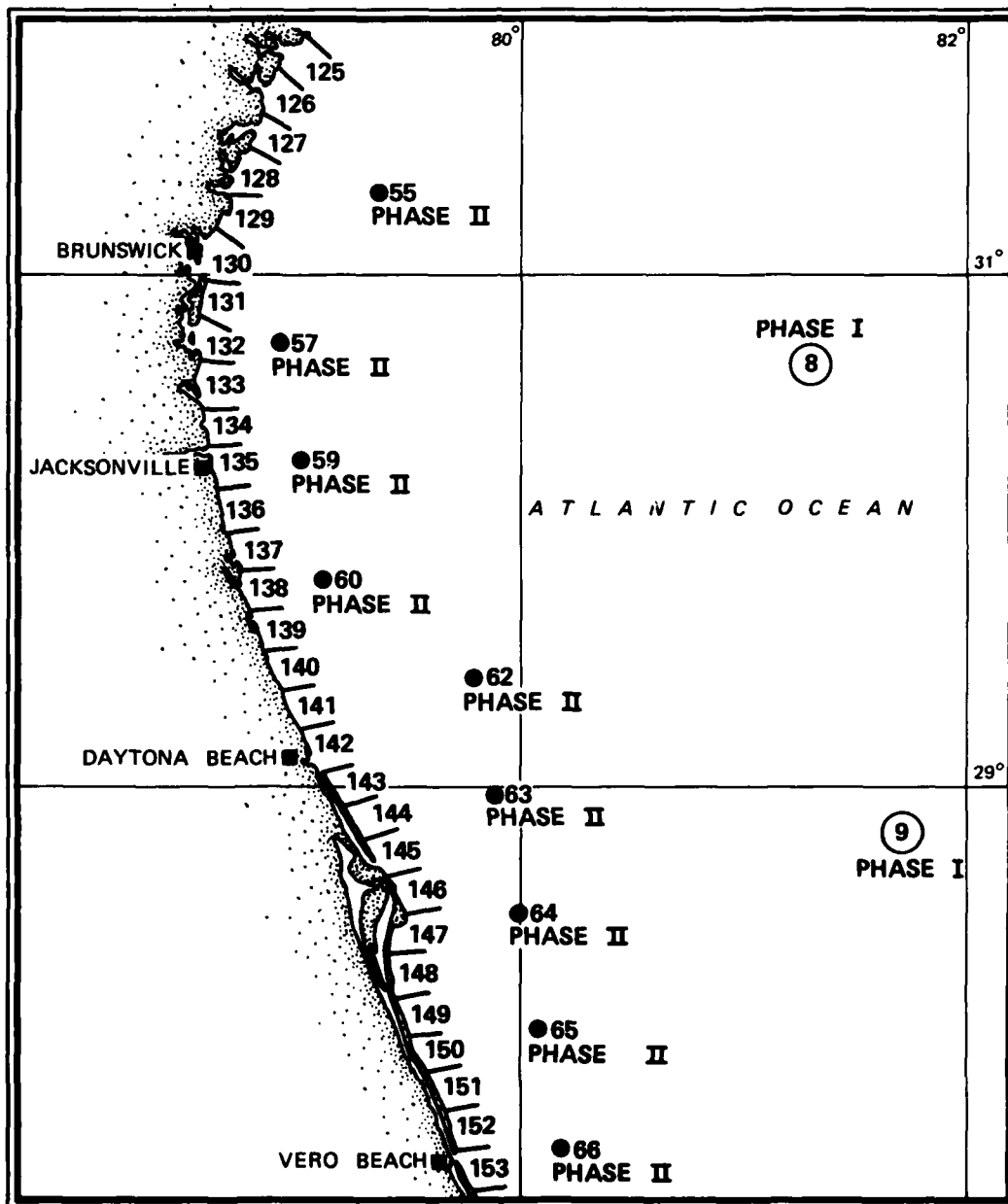


Plate 5. Locations of Phase III stations for shallow-water wave information along the Atlantic coast, region 5

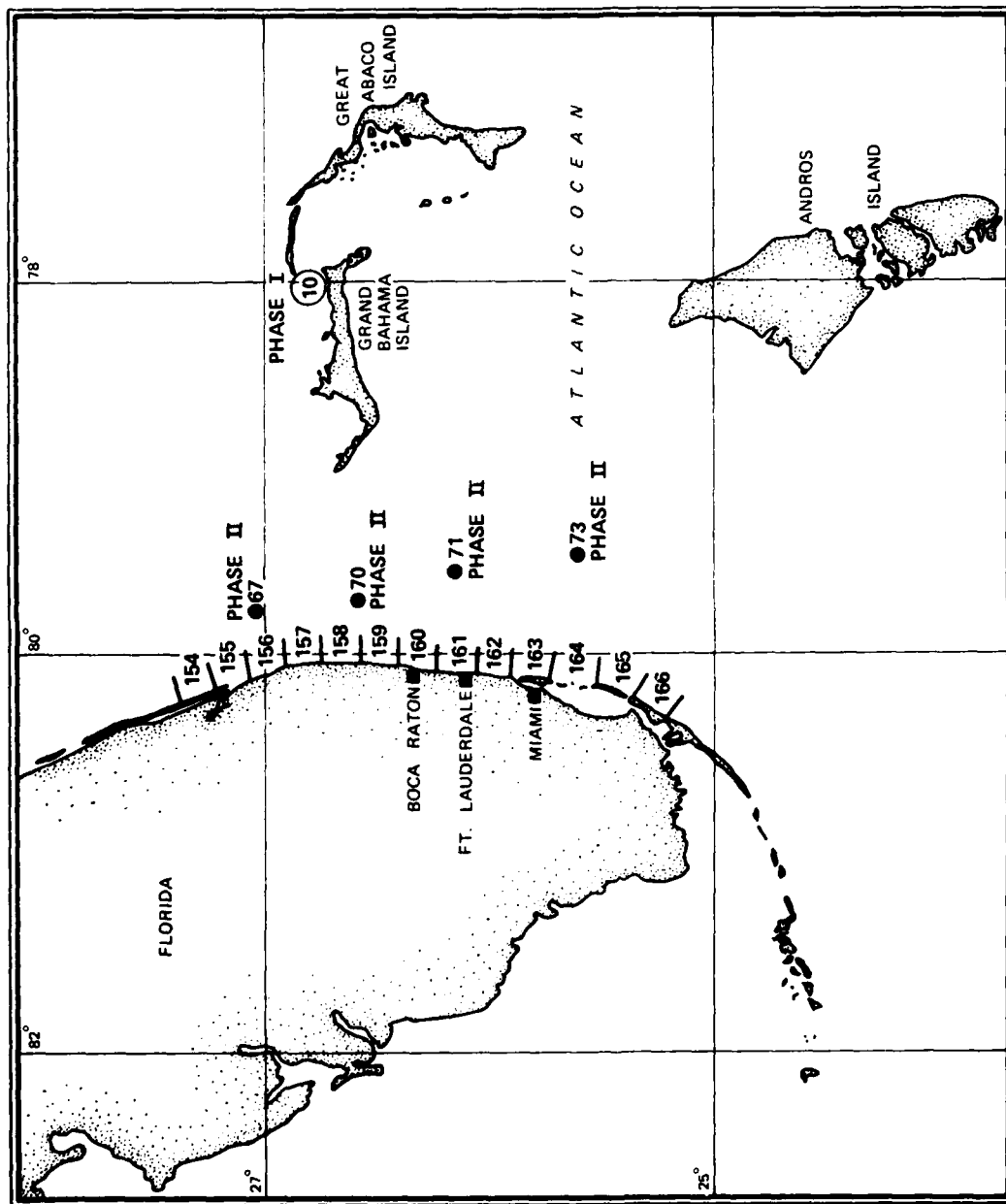
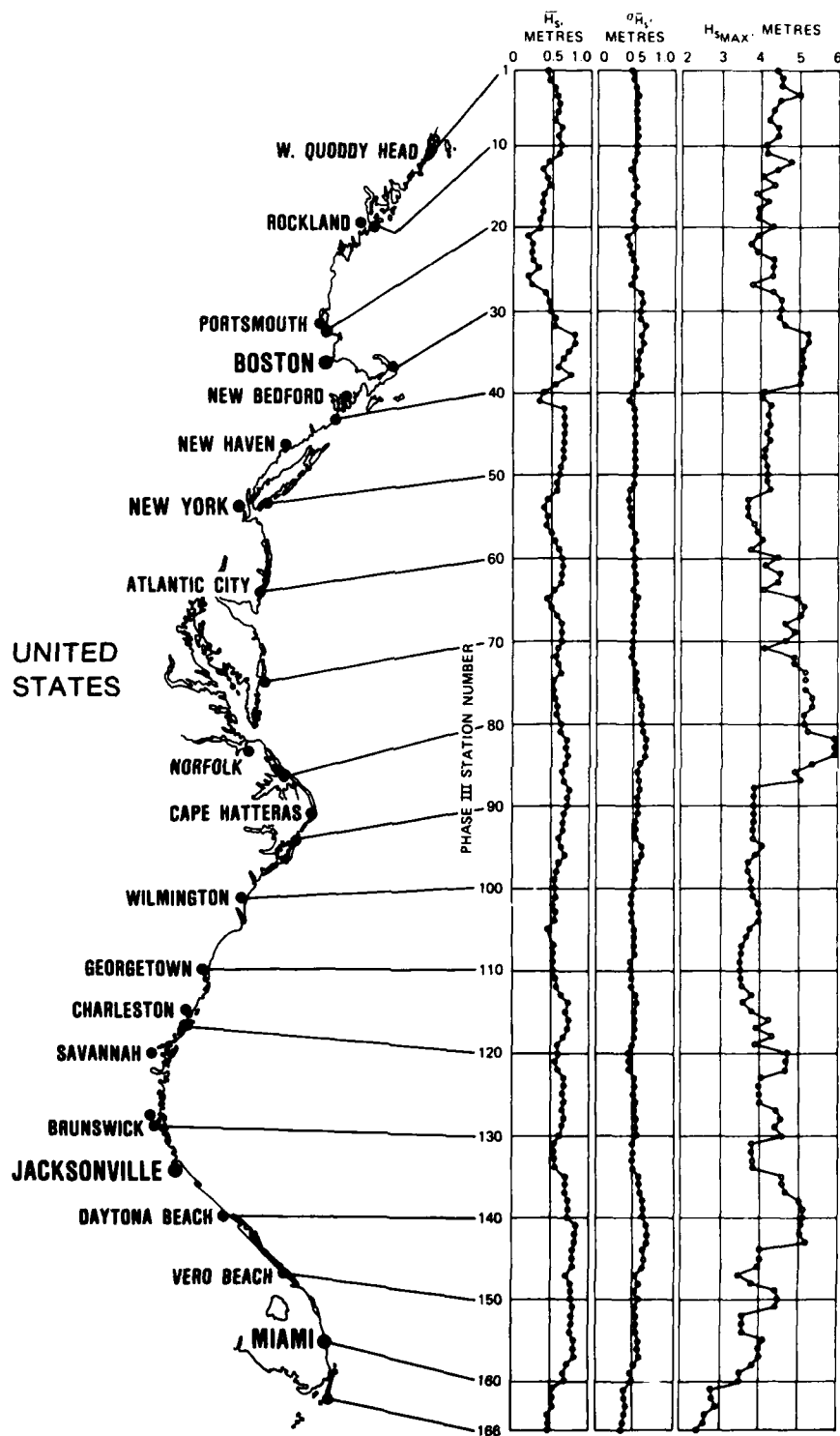
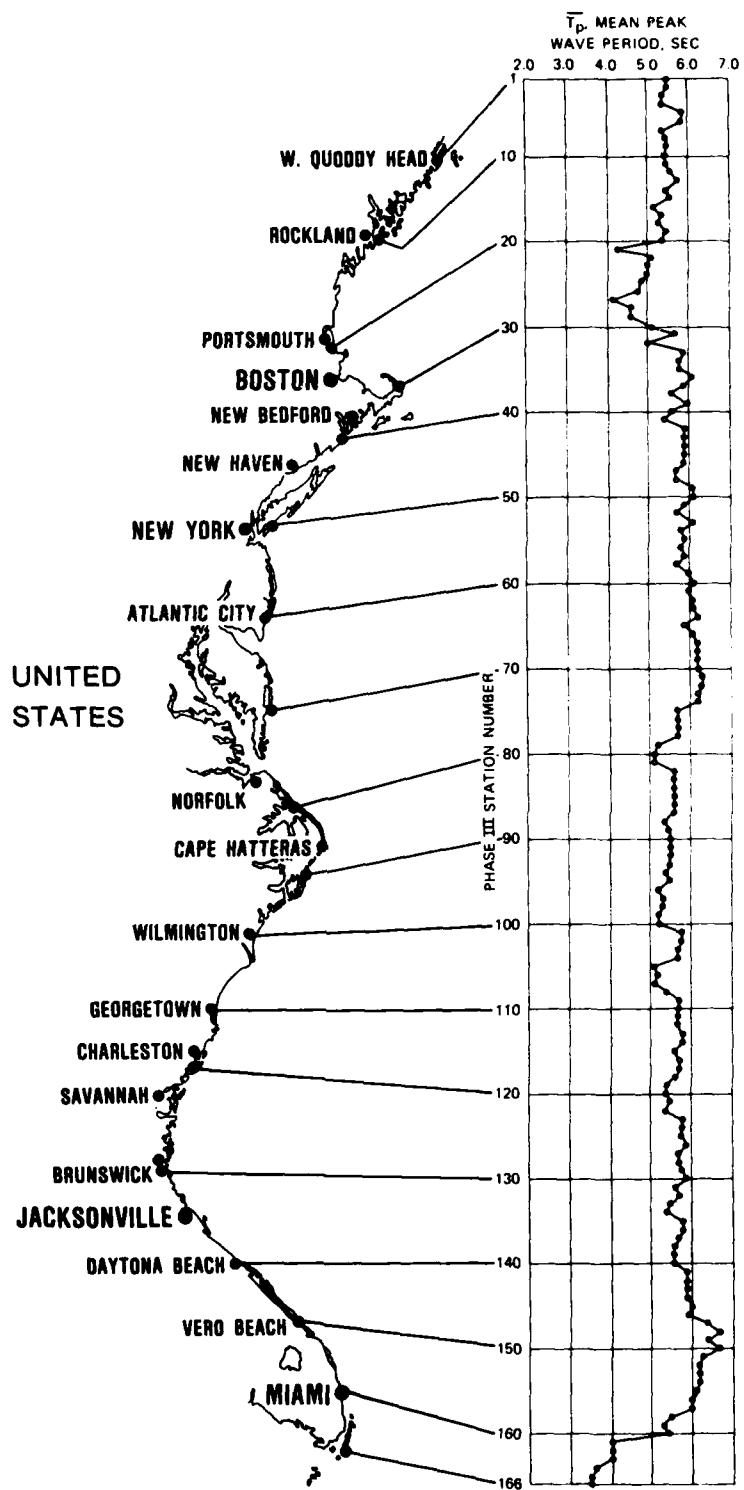


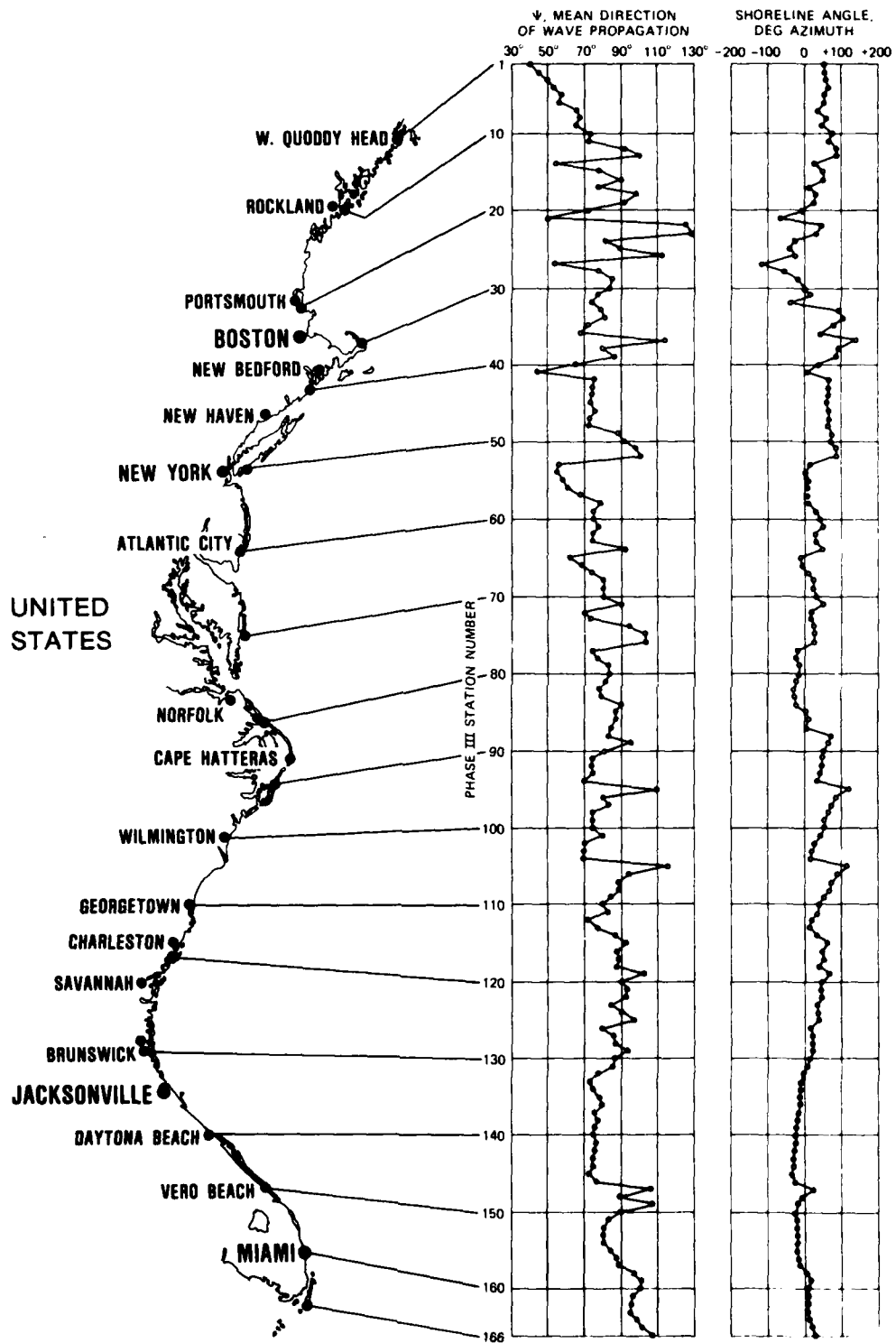
Plate 6. Locations of Phase III stations for shallow-water wave information along the Atlantic coast, region 6

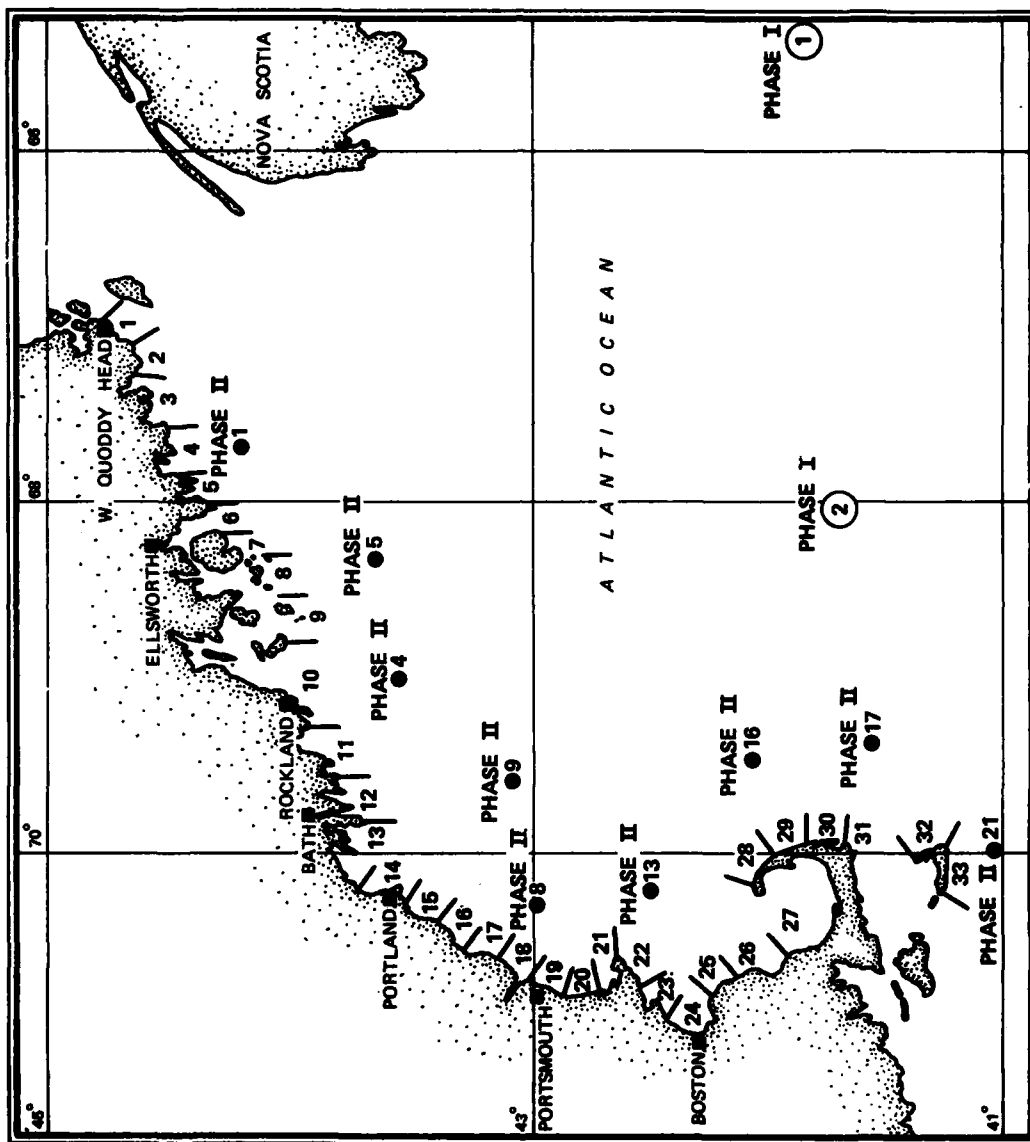
APPENDIX A

GEOGRAPHICAL VARIATION IN THE WAVE CLIMATE









STATION 1 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 54.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 -	0.49	3578	6750	4447	3163	1192	316	78	.	.	.	19524
0.50 -	0.99	.	492	2987	1950	186	39	17	.	.	.	5671
1.00 -	1.49	.	.	29	196	73	6	.	.	.	.	304
1.50 -	1.99	.	.	.	.	5	1	.	.	.	.	6
2.00 -	2.49	.	.	.	.	.	.	.	.	.	.	0
2.50 -	2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 -	3.49	.	.	.	.	.	.	.	.	.	.	0
3.50 -	3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 -	4.49	.	.	.	.	.	.	.	.	.	.	0
4.50 -	4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 -	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		3578	7242	7463	5309	1456	362	95	0	0	0	
AVERAGE HS(M) = 0.33 LARGEST HS(M) = 1.71 ANGLE CLASS % = 25.5												

AVERAGE HS(M) = 0.33 LARGEST HS(M) = 1.71 ANGLE CLASS % = 25.5

STATION 1 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 54.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 -	0.49	2055	2989	11		5497	10042	2973	270	354	.	24191
0.50 -	0.99	.	1071	3610	1014	220	4536	2648	272	349	.	13720
1.00 -	1.49	.	.	118	1548	826	1096	629	73	109	.	4399
1.50 -	1.99	.	.	.	27	436	908	400	71	10	.	1852
2.00 -	2.49	.	.	.	.	73	318	224	92	11	.	718
2.50 -	2.99	.	.	.	.	1	13	46	41	15	3	119
3.00 -	3.49	.	.	.	.	.	.	.	5	3	6	14
3.50 -	3.99	.	.	.	.	.	.	.	.	1	1	2
4.00 -	4.49	.	.	.	.	.	.	.	.	.	.	0
4.50 -	4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 -	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		2055	4060	3739	2589	7053	16913	6920	824	852	10	0
AVERAGE HS(M) = 0.60 LARGEST HS(M) = 3.77 ANGLE CLASS % = 45.0												

AVERAGE HS(M) = 0.60 LARGEST HS(M) = 3.77 ANGLE CLASS % = 45.0

STATION 1 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 54.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	889	1728	1148	520	942	1925	539	273	44	651	8659	
0.50 - 0.99	.	13	390	506	220	4536	2648	272	349	.	1418	
1.00 - 1.49	.	.	1	58	826	1096	629	73	109	.	1402	
1.50 - 1.99	436	908	400	71	10	.	370	
2.00 - 2.49	73	318	224	92	11	.	115	
2.50 - 2.99	1	13	46	41	15	3	28	
3.00 - 3.49	5	3	6	14	
3.50 - 3.99	1	1	4	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	889	1741	1539	1084	1559	3923	1420	717	372	1605	0	
AVERAGE HS(M) = 0.60 LARGEST HS(M) = 4.37 ANGLE CLASS % = 14.9												

AVERAGE HS(M) = 0.60 LARGEST HS(M) = 4.37 ANGLE CLASS % = 14.9

STATION 1 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
SHORELINE ANGLE = 54.0 DEGREES AZIMUTH

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

STATION 1 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
SHORELINE ANGLE = 54.0 DEGREES AZIMUTH

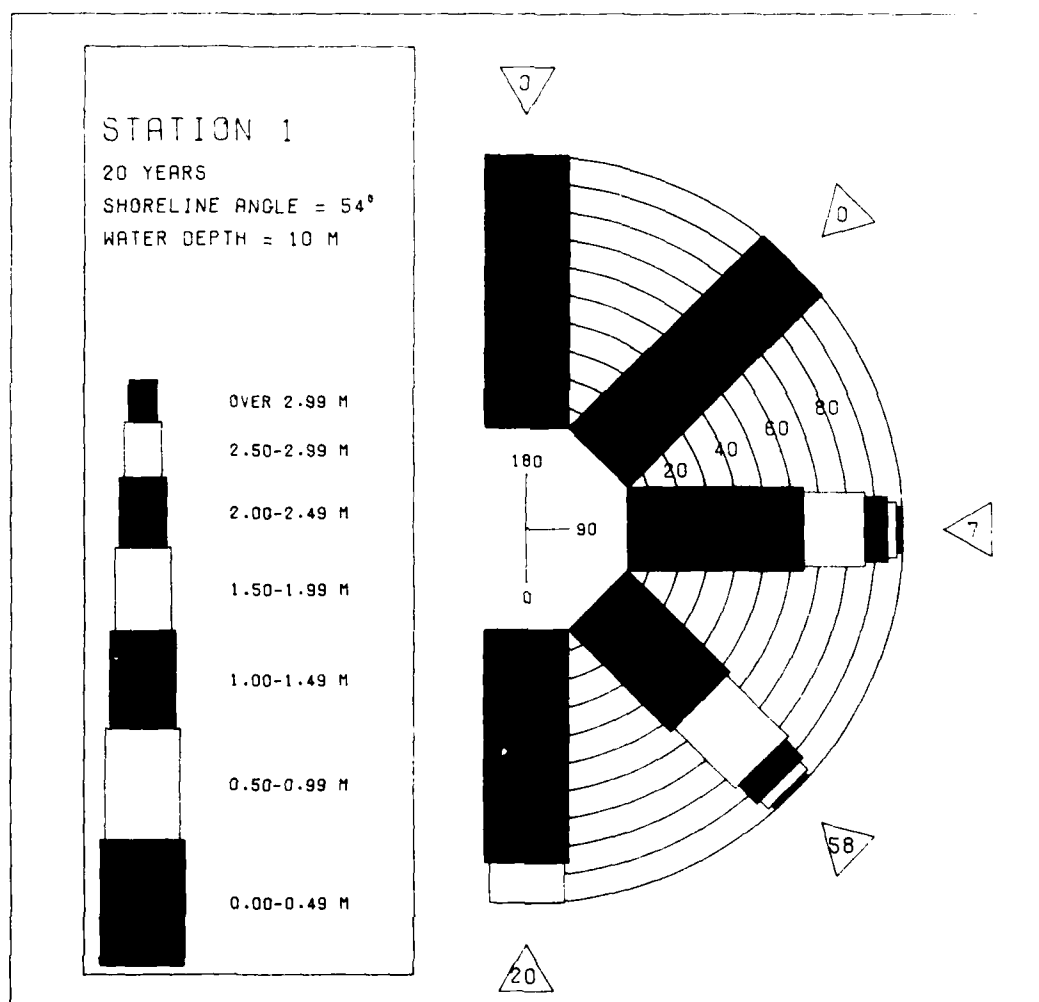
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

STATION 1 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
SHORELINE ANGLE = 54.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

[illegible]

MEAN HS(METRES) BY MONTH AND YEAR

STATION 1

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.1	0.5	0.3	0.5	0.4	0.4	0.5	0.2	0.2	0.3	0.4	0.4	0.4
1957	0.3	0.4	0.2	0.4	0.3	0.3	0.3	0.2	0.7	0.3	0.5	0.8	0.4
1958	0.3	0.3	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.3	0.3
1959	0.5	0.6	0.5	0.4	0.4	0.4	0.5	0.2	0.2	0.4	0.6	0.4	0.4
1960	0.3	0.5	0.3	0.7	0.3	0.4	0.4	0.3	0.3	0.3	0.6	0.4	0.4
1961	0.4	0.4	0.3	0.4	0.6	0.4	0.3	0.2	0.3	0.2	0.2	0.5	0.4
1962	0.8	0.3	0.2	0.6	0.2	0.5	0.4	0.4	0.3	0.4	0.3	0.8	0.4
1963	0.5	0.4	0.6	0.3	0.5	0.4	0.4	0.3	0.3	0.3	0.8	0.7	0.5
1964	0.6	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.5	0.5	0.5
1965	0.4	0.6	0.5	0.3	0.4	0.4	0.5	0.5	0.3	0.6	0.6	0.4	0.4
1966	0.3	0.4	0.5	0.3	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.5	0.4
1967	0.5	0.5	0.4	0.3	0.5	0.4	0.6	0.5	0.4	0.5	0.4	0.4	0.5
1968	0.3	0.4	0.7	0.6	0.4	0.4	0.3	0.3	0.2	0.4	0.5	0.7	0.4
1969	0.4	0.8	0.6	0.6	0.7	0.4	0.3	0.4	0.3	0.3	0.4	0.4	0.5
1970	0.3	0.5	0.3	0.4	0.4	0.5	0.6	0.4	0.4	0.3	0.4	0.2	0.4
1971	0.5	0.7	0.6	0.4	0.6	0.4	0.6	0.4	0.3	0.4	0.3	0.4	0.5
1972	0.7	0.7	0.8	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5
1973	0.7	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.6	0.4	0.8	1.3	0.6
1974	0.6	0.5	0.9	0.8	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.4	0.5
1975	0.5	0.3	0.3	0.4	0.3	0.5	0.6	0.2	0.3	0.3	1.0	0.9	0.5
MEAN	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 1

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	2.6	2.1	2.1	1.9	1.4	1.6	0.9	1.3	1.8	2.4	2.4	
1957	1.8	1.7	2.1	2.3	1.1	2.2	1.4	0.9	1.9	1.3	2.7	2.9	
1958	1.8	3.0	1.2	1.7	1.3	1.3	1.0	1.6	1.4	1.3	2.2	1.2	
1959	3.0	2.4	2.7	1.7	1.3	1.3	1.3	1.1	1.2	2.1	2.8	2.6	
1960	2.4	2.9	1.5	2.6	0.9	1.1	2.1	1.5	2.8	1.6	2.3	2.8	
1961	2.3	1.9	2.6	1.8	3.3	1.6	1.2	1.3	2.3	1.1	1.6	2.5	
1962	2.5	2.2	1.0	2.4	1.5	1.9	1.4	2.0	1.6	2.0	2.4	3.1	
1963	2.9	2.1	2.6	2.0	2.1	1.7	1.3	1.6	2.0	1.4	4.0	3.5	
1964	2.6	1.8	2.0	2.0	1.8	1.7	1.7	1.4	2.2	1.9	2.3	2.2	
1965	2.2	2.4	2.0	2.1	1.2	1.7	1.1	1.4	1.8	2.1	2.1	2.2	
1966	3.2	2.8	2.3	1.0	1.6	1.7	1.5	1.1	2.0	1.7	2.1	2.6	
1967	2.4	2.2	1.9	2.3	2.1	1.2	1.3	2.1	1.6	2.1	2.1	2.1	
1968	1.8	2.4	2.7	2.4	1.1	1.8	1.3	1.1	2.0	1.9	3.1	2.6	
1969	2.2	2.7	2.0	2.3	2.4	1.3	1.3	1.4	2.4	1.3	2.2	2.8	
1970	2.0	3.5	2.1	2.3	2.2	1.8	2.0	1.2	1.8	2.1	2.8	2.3	
1971	2.5	2.5	3.5	2.3	2.0	1.2	1.2	1.7	1.1	2.0	2.4	2.0	
1972	2.3	3.8	2.4	1.1	1.9	2.1	1.7	1.6	2.3	2.4	2.8	3.0	
1973	2.6	2.5	2.7	1.9	2.1	1.3	2.0	1.2	2.0	2.4	3.1	4.4	
1974	2.5	2.8	3.5	2.3	2.3	1.4	1.5	2.1	2.3	2.0	2.5	2.3	
1975	2.5	2.8	2.6	2.7	1.3	2.1	1.7	1.2	2.4	1.2	2.8	3.1	

LARGEST HS(METRES) FOR STATION 1 = 4.4

STATION 2 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 59.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.50 - 0.49	3451	6415	4241	2517	800	284	99	15	8	3	17833	
1.00 - 0.99	.	491	2973	2008	169	29	.	.	.	.	5870
1.50 - 1.49	.	.	34	195	48	6	.	.	.	.	281
2.00 - 1.99	.	.	.	1	1	1	.	.	.	.	3
2.50 - 2.49	0	
3.00 - 2.99	0	
3.50 - 3.49	0	
4.00 - 3.99	0	
4.50 - 4.49	0	
5.00 - 4.99	0	
5.00 - GREATER	0	
TOTAL	3451	6906	7248	4721	1019	321	99	15	8	3		
AVERAGE HS(M) = 0.34 LARGEST HS(M) = 2.05 ANGLE CLASS % = 23.8												

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 2.05 ANGLE CLASS % = 23.8

STATION 2 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 59.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.50 - 0.49	1942	2630			4909	8863	266				18610	
1.00 - 0.99		1190	3408	838	224	5159	730	1	1	.	11551	
1.50 - 1.49			186	1603	727	1117	505	37	6	.	4235	
2.00 - 1.99				65	444	824	305	10	0	.	1771	
2.50 - 2.49					68	333	232	0	0	.	716	
3.00 - 2.99					1	22	53			.	100	
3.50 - 3.49										.	0	
4.00 - 3.99										.	0	
4.50 - 4.49										.	0	
5.00 - 4.99										.	0	
5.00 - GREATER										.	0	
TOTAL	1942	3820	3594	2506	6373	16318	2261	192	28	9		
AVERAGE HS(M) = 0.64 LARGEST HS(M) = 3.66 ANGLE CLASS % = 37.1												

AVERAGE HS(M) = 0.64 LARGEST HS(M) = 3.66 ANGLE CLASS % = 37.1

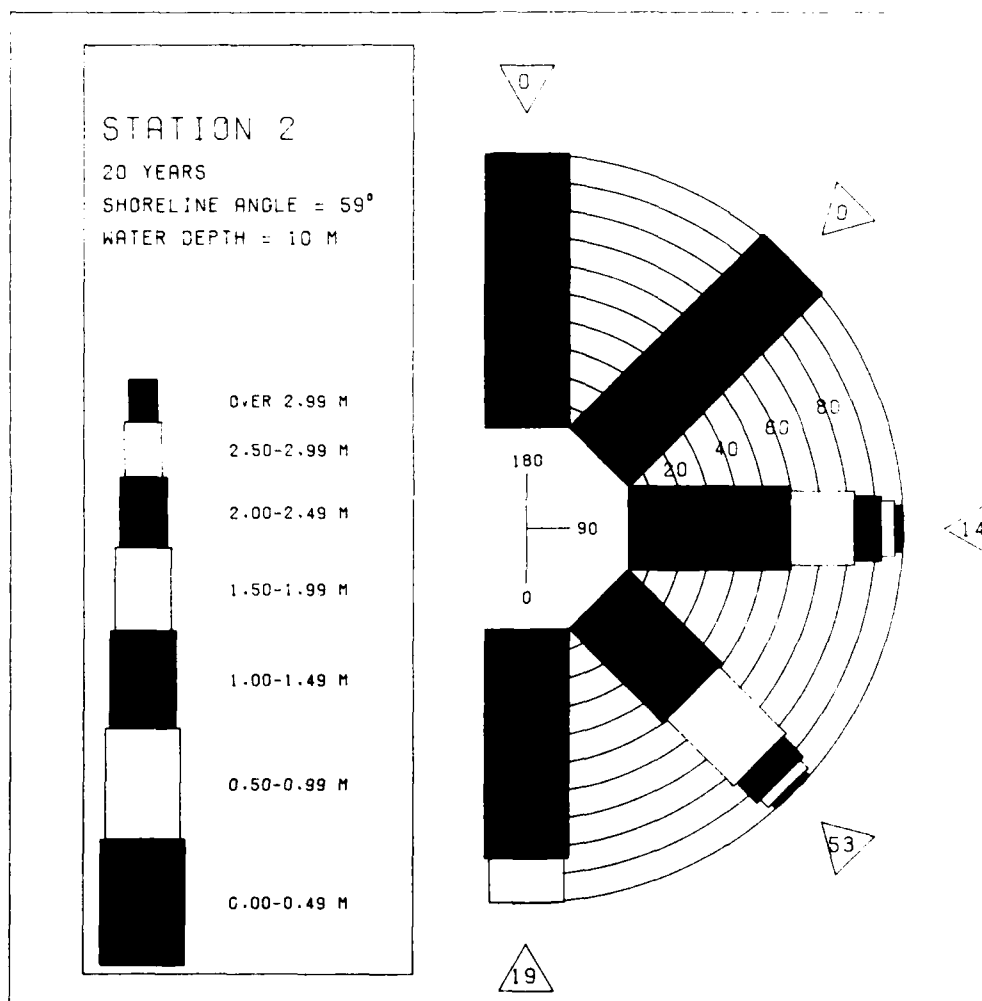
STATION 2 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 59.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.50 - 0.49	1365	2503	1067	477	1254	2186	2958	509	362	598	13279	
1.00 - 0.99	.	201	1250	706	337	1286	2453	436	422	547	7288	
1.50 - 1.49	.	.	15	347	163	653	224	241	241	320	2037	
2.00 - 1.99	41	559	227	58	61	106	1304	
2.50 - 2.49	232	110	39	22	54	598	
3.00 - 2.99	23	100	54	6	20	204	
3.50 - 3.49	5	18	11	8	42	
4.00 - 3.99	3	1	6	20	
4.50 - 4.49	7	
5.00 - 4.99	0	
5.00 - GREATER	0	
TOTAL	1365	2704	2332	1530	2212	4949	6228	1341	1187	1565		
AVERAGE HS(M) = 0.63 LARGEST HS(M) = 4.49 ANGLE CLASS % = 25.4												

AVERAGE HS(M) = 0.63 LARGEST HS(M) = 4.49 ANGLE CLASS % = 25.4

STATION 2 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 59.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9 LONGER	
0.0-0.49	677	1159	531	299	696	1133	332	52	37	60	4976
0.50-0.99	188	188	765	257	73	647	318	23	47	34	2462
1.00-1.49	.	.	23	215	117	178	87	23	24	101	689
1.50-1.99	.	.	.	6	63	140	62	9	6	5	296
2.00-2.49	.	.	.	.	11	56	43	12	3	1	130
2.50-2.99	.	.	.	.	.	4	15	10	1	2	32
3.00-3.49	.	.	.	.	.	.	.	2	1	1	4
3.50-3.99	.	.	.	.	.	.	.	.	1	1	2
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	677	1347	1319	877	960	2158	857	151	120	155	
AVE HS (M) = 0.48 LARGEST HS (M) = 4.49 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 2

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.1	0.6	0.4	0.5	0.5	0.4	0.5	0.2	0.2	0.3	0.5	0.4	0.4
1957	0.4	0.4	0.2	0.5	0.4	0.4	0.4	0.2	0.7	0.3	0.5	0.9	0.4
1958	0.3	0.4	0.2	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.3	0.4
1959	0.6	0.6	0.6	0.4	0.4	0.4	0.5	0.3	0.3	0.4	0.7	0.5	0.5
1960	0.3	0.6	0.3	0.7	0.3	0.4	0.4	0.4	0.4	0.4	0.6	0.5	0.4
1961	0.4	0.5	0.3	0.5	0.7	0.5	0.3	0.3	0.4	0.3	0.3	0.5	0.4
1962	0.9	0.3	0.2	0.7	0.3	0.5	0.4	0.4	0.3	0.4	0.4	0.9	0.5
1963	0.6	0.5	0.6	0.3	0.6	0.4	0.5	0.3	0.3	0.3	0.8	0.7	0.5
1964	0.6	0.4	0.6	0.5	0.6	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.5
1965	0.5	0.6	0.5	0.3	0.4	0.5	0.5	0.5	0.3	0.6	0.7	0.4	0.5
1966	0.4	0.5	0.6	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5
1967	0.6	0.6	0.4	0.3	0.5	0.4	0.6	0.6	0.4	0.6	0.5	0.4	0.5
1968	0.3	0.4	0.7	0.6	0.4	0.4	0.4	0.3	0.3	0.4	0.5	0.8	0.5
1969	0.5	0.9	0.7	0.7	0.7	0.4	0.3	0.5	0.3	0.4	0.5	0.5	0.5
1970	0.3	0.5	0.3	0.5	0.5	0.5	0.6	0.4	0.4	0.3	0.4	0.3	0.4
1971	0.5	0.7	0.7	0.5	0.6	0.4	0.6	0.5	0.4	0.4	0.4	0.5	0.5
1972	0.8	0.7	0.8	0.5	0.6	0.6	0.4	0.5	0.4	0.5	0.4	0.5	0.6
1973	0.8	0.4	0.5	0.6	0.6	0.5	0.7	0.4	0.6	0.4	0.9	1.4	0.6
1974	0.6	0.5	1.0	0.9	0.4	0.4	0.5	0.6	0.5	0.5	0.6	0.5	0.6
1975	0.6	0.4	0.4	0.5	0.3	0.5	0.7	0.2	0.4	0.3	1.0	1.0	0.5
MEAN	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 2

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.5	2.7	2.1	2.3	1.9	1.4	1.6	0.9	1.3	1.9	2.5	2.5	
1957	2.0	1.7	2.1	2.3	1.2	2.3	1.5	0.9	2.0	1.4	2.7	2.9	
1958	1.9	3.0	1.5	1.8	1.3	1.3	1.0	1.7	1.5	1.4	2.3	1.2	
1959	3.0	2.5	3.0	1.9	1.4	1.3	1.4	1.2	1.2	2.4	3.0	3.1	
1960	2.6	2.9	1.5	2.7	0.9	1.1	2.2	1.5	2.8	1.7	2.4	2.9	
1961	2.5	2.0	2.7	1.8	3.4	1.7	1.3	1.3	2.4	1.1	1.6	2.6	
1962	2.6	2.3	1.1	2.5	1.9	1.9	1.4	2.0	1.6	2.2	2.5	3.3	
1963	3.1	2.2	2.6	2.0	2.1	1.8	1.3	1.7	2.1	1.4	4.1	3.6	
1964	2.8	1.9	2.1	2.0	1.9	1.8	1.9	1.6	2.2	2.0	2.4	2.3	
1965	2.3	2.4	2.2	2.2	1.2	1.9	1.2	1.4	1.9	2.1	2.2	2.3	
1966	3.2	2.8	2.4	1.1	1.6	1.7	1.5	1.2	2.0	1.8	2.5	2.8	
1967	2.5	2.3	1.9	2.3	2.1	1.3	1.3	2.1	1.6	2.2	2.3	2.3	
1968	1.9	2.5	2.9	2.6	1.1	1.8	1.3	1.2	2.1	1.9	3.1	2.3	
1969	2.2	2.8	2.1	2.4	2.4	1.3	1.4	1.4	2.4	1.3	2.3	2.9	
1970	2.0	3.5	2.2	3.2	2.2	1.9	2.0	1.2	1.9	2.2	2.9	2.3	
1971	2.6	2.7	3.8	2.3	2.0	1.3	1.3	1.8	1.1	2.1	2.4	2.1	
1972	2.4	3.9	2.6	1.2	2.1	2.2	1.7	1.6	2.3	2.5	2.9	3.0	
1973	3.0	2.6	2.8	2.0	2.2	1.3	2.1	1.2	2.1	2.4	3.4	4.5	
1974	2.6	2.9	3.5	2.3	2.4	1.5	1.6	2.3	2.4	2.2	2.5	2.4	
1975	2.7	3.4	2.7	2.8	1.3	2.2	1.9	1.2	2.4	1.2	2.9	3.1	

LARGEST HS(METRES) FOR STATION 2 = 4.5

STATION 3 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 62.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	3297	6235	4106	2525	811	143	39	6	.	.	17162
0.50 - 0.99	.	451	2973	2046	155	17	.	.	.	.	5831
1.00 - 1.49	.	.	42	251	37	1	.	.	.	.	331
1.50 - 1.99	1	.	.	.	.	.	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	3297	6686	7121	4822	1004	161	39	6	0	0	0

AVERAGE HS(M) = 0.35 LARGEST HS(M) = 1.91 ANGLE CLASS % = 23.1

STATION 3 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 62.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1822	2239	.	.	4341	8187	296	17	8	3	16913
0.50 - 0.99	.	1379	3240	689	203	5001	667	.	.	.	11179
1.00 - 1.49	.	.	246	1586	665	1078	549	.	.	.	4169
1.50 - 1.99	.	.	.	75	436	807	350	.	.	.	1736
2.00 - 2.49	65	328	230	.	.	.	711
2.50 - 2.99	1	15	59	.	.	.	200
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1822	3618	3486	2350	5711	15416	2188	202	27	9	0

AVERAGE HS(M) = 0.65 LARGEST HS(M) = 4.51 ANGLE CLASS % = 34.8

STATION 3 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 62.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1129	1555	18	.	1170	1873	2830	480	390	557	10002
0.50 - 0.99	.	672	1683	316	68	1468	2409	419	516	530	8081
1.00 - 1.49	.	.	100	770	292	479	319	212	251	320	2643
1.50 - 1.99	.	.	.	29	359	513	165	56	68	106	1326
2.00 - 2.49	100	446	222	23	25	104	670
2.50 - 2.99	1	87	176	54	11	23	352
3.00 - 3.49	11	39	8	6	64
3.50 - 3.99	10	13	10	33
4.00 - 4.49	3	5	8
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1129	2227	1801	1115	1990	4866	6162	1293	1285	1511	0

AVERAGE HS(M) = 0.75 LARGEST HS(M) = 4.49 ANGLE CLASS % = 23.4

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.43 LARGEST HS(M) = 3.87 ANGLE CLASS % = 7.9

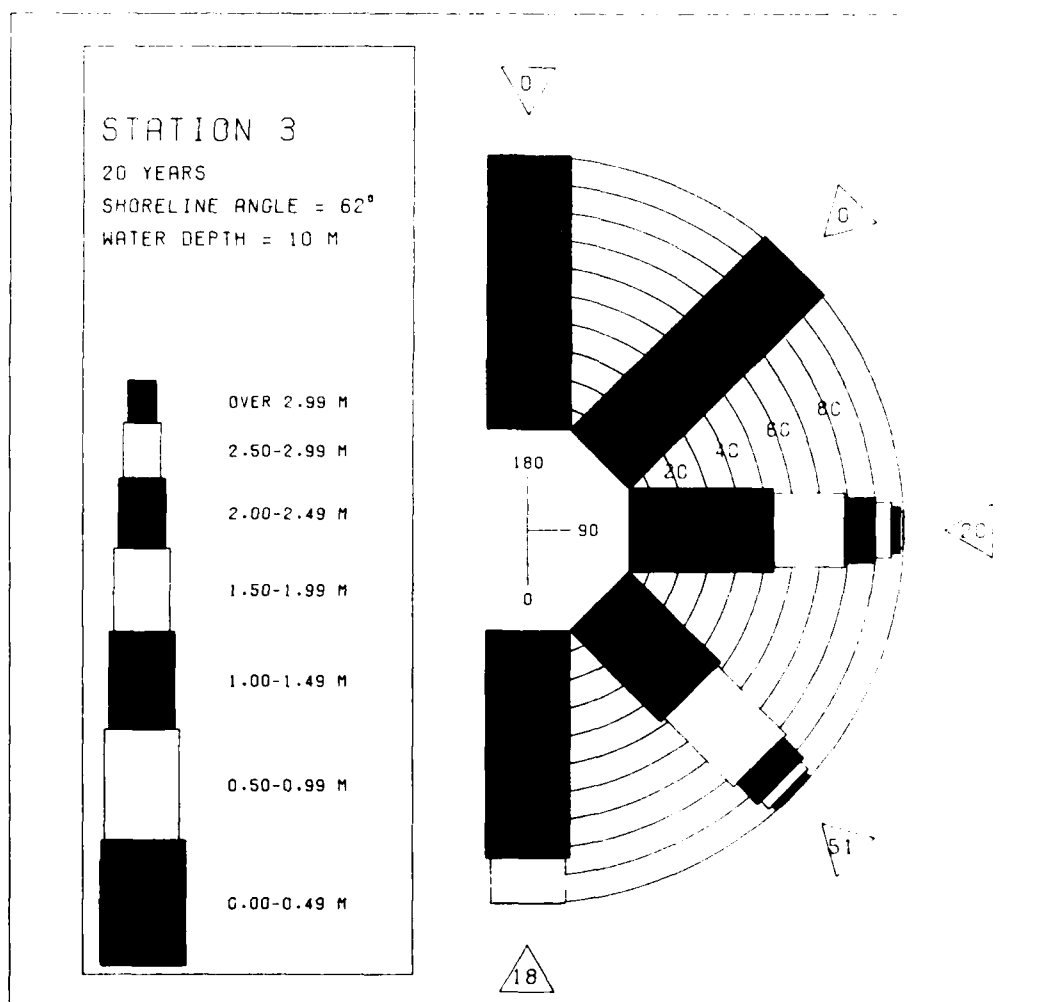
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

WATER DEPTH = 10.00 METRES

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	
0.0-0.9	707	1156	513	328	691	1078	336	51	39	56	4650
1.0-1.9	253	805	339	164	70	170	116	41	50	41	2411
2.0-2.9	101	39	10	10	117	141	133	10	10	10	707
3.0-3.9	16	16	16	16	16	16	16	16	16	16	16
4.0-4.9	16	16	16	16	16	16	16	16	16	16	16
5.0-5.9	16	16	16	16	16	16	16	16	16	16	16
6.0-6.9	16	16	16	16	16	16	16	16	16	16	16
7.0-7.9	16	16	16	16	16	16	16	16	16	16	16
8.0-8.9	16	16	16	16	16	16	16	16	16	16	16
9.0-9.9	16	16	16	16	16	16	16	16	16	16	16
10.0-10.9	16	16	16	16	16	16	16	16	16	16	16
11.0-11.9	16	16	16	16	16	16	16	16	16	16	16
12.0-12.9	16	16	16	16	16	16	16	16	16	16	16
13.0-13.9	16	16	16	16	16	16	16	16	16	16	16
14.0-14.9	16	16	16	16	16	16	16	16	16	16	16
15.0-15.9	16	16	16	16	16	16	16	16	16	16	16
16.0-16.9	16	16	16	16	16	16	16	16	16	16	16
17.0-17.9	16	16	16	16	16	16	16	16	16	16	16
18.0-18.9	16	16	16	16	16	16	16	16	16	16	16
19.0-19.9	16	16	16	16	16	16	16	16	16	16	16
20.0-20.9	16	16	16	16	16	16	16	16	16	16	16
21.0-21.9	16	16	16	16	16	16	16	16	16	16	16
22.0-22.9	16	16	16	16	16	16	16	16	16	16	16
23.0-23.9	16	16	16	16	16	16	16	16	16	16	16
24.0-24.9	16	16	16	16	16	16	16	16	16	16	16
25.0-25.9	16	16	16	16	16	16	16	16	16	16	16
26.0-26.9	16	16	16	16	16	16	16	16	16	16	16
27.0-27.9	16	16	16	16	16	16	16	16	16	16	16
28.0-28.9	16	16	16	16	16	16	16	16	16	16	16
29.0-29.9	16	16	16	16	16	16	16	16	16	16	16
30.0-30.9	16	16	16	16	16	16	16	16	16	16	16
31.0-31.9	16	16	16	16	16	16	16	16	16	16	16
32.0-32.9	16	16	16	16	16	16	16	16	16	16	16
33.0-33.9	16	16	16	16	16	16	16	16	16	16	16
34.0-34.9	16	16	16	16	16	16	16	16	16	16	16
35.0-35.9	16	16	16								



MEAN HS(METRES) BY MONTH AND YEAR

STATION 3

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.6	0.4	0.6	0.5	0.4	0.5	0.3	0.2	0.3	0.5	0.5	0.4
1957	0.4	0.4	0.3	0.5	0.4	0.4	0.4	0.2	0.7	0.3	0.6	0.9	0.5
1958	0.4	0.4	0.2	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.6	0.3	0.4
1959	0.6	0.7	0.7	0.5	0.4	0.4	0.5	0.3	0.3	0.6	0.7	0.6	0.5
1960	0.3	0.7	0.3	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.6	0.5
1961	0.5	0.5	0.4	0.5	0.8	0.5	0.3	0.3	0.4	0.3	0.3	0.6	0.4
1962	0.9	0.4	0.2	0.7	0.3	0.5	0.4	0.4	0.4	0.5	0.4	0.9	0.5
1963	0.6	0.5	0.7	0.4	0.6	0.5	0.5	0.3	0.3	0.4	0.9	0.7	0.5
1964	0.7	0.5	0.6	0.5	0.6	0.5	0.4	0.5	0.4	0.4	0.5	0.6	0.5
1965	0.5	0.7	0.6	0.3	0.4	0.5	0.5	0.5	0.3	0.7	0.7	0.5	0.5
1966	0.4	0.5	0.6	0.3	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5
1967	0.6	0.7	0.4	0.4	0.5	0.5	0.6	0.6	0.4	0.6	0.5	0.5	0.5
1968	0.3	0.5	0.8	0.6	0.4	0.4	0.4	0.3	0.3	0.4	0.6	0.9	0.5
1969	0.5	0.9	0.7	0.7	0.7	0.4	0.4	0.5	0.4	0.4	0.7	0.6	0.6
1970	0.3	0.6	0.4	0.5	0.5	0.5	0.6	0.4	0.4	0.4	0.5	0.3	0.5
1971	0.6	0.8	0.7	0.5	0.7	0.4	0.6	0.5	0.4	0.5	0.4	0.5	0.5
1972	0.8	0.8	0.9	0.5	0.6	0.6	0.4	0.5	0.4	0.5	0.5	0.6	0.6
1973	0.8	0.4	0.6	0.6	0.6	0.6	0.7	0.4	0.6	0.5	0.9	1.4	0.7
1974	0.7	0.6	1.1	0.9	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.6
1975	0.6	0.5	0.5	0.5	0.3	0.6	0.7	0.2	0.4	0.3	1.1	1.1	0.6
MEAN	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 3

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.5	2.9	2.2	2.3	2.1	1.4	1.6	0.9	1.3	2.0	2.6	2.6
1957	2.0	1.9	2.1	2.4	1.2	2.4	1.5	0.9	2.0	1.4	2.7	3.0
1958	2.2	3.0	1.5	2.0	1.4	1.4	1.3	1.7	1.5	1.4	2.4	1.3
1959	3.3	2.5	3.0	2.1	1.5	1.4	1.4	1.2	1.4	2.8	3.2	3.1
1960	2.7	2.9	1.6	2.8	0.9	1.1	2.2	1.5	2.8	2.0	2.5	3.0
1961	2.7	2.1	2.9	1.9	3.7	1.7	1.3	1.3	2.6	1.1	1.6	2.7
1962	2.7	2.4	1.1	2.6	1.9	2.0	1.4	2.1	1.6	2.2	2.6	3.3
1963	3.2	2.2	2.8	2.0	2.4	1.8	1.3	1.7	2.2	1.4	4.2	3.8
1964	2.8	1.9	2.1	2.0	1.9	1.8	1.9	1.8	2.2	2.0	2.5	2.4
1965	2.4	2.9	2.4	2.4	1.3	1.9	1.3	1.5	2.0	2.1	2.3	2.3
1966	3.3	2.8	2.5	1.1	1.7	1.8	1.7	1.2	2.1	1.8	2.6	3.1
1967	2.6	2.4	2.0	2.3	2.1	1.4	1.4	2.1	1.7	2.3	2.3	2.6
1968	2.0	2.9	2.9	2.6	1.2	1.9	1.4	1.2	2.1	1.9	3.2	3.0
1969	2.3	2.8	2.2	2.4	2.5	1.4	1.5	1.4	2.4	1.3	2.3	2.9
1970	2.1	3.9	2.3	3.3	2.2	1.9	2.1	1.2	2.0	2.2	3.0	2.3
1971	2.7	2.8	3.8	2.3	2.0	1.3	1.3	1.8	1.1	2.2	2.4	2.2
1972	2.4	3.9	2.7	1.2	2.1	2.2	1.8	1.7	2.5	2.6	3.0	3.0
1973	3.0	2.8	3.0	2.2	2.2	1.4	2.1	1.2	2.2	2.8	3.4	4.5
1974	2.7	3.0	3.5	2.4	2.4	1.5	1.6	2.3	2.5	2.2	2.5	2.5
1975	2.7	3.4	3.9	2.9	1.4	2.3	1.9	1.2	2.4	1.3	2.9	3.2

LARGEST HS(METRES) FOR STATION 3 = 4.5

STATION 4 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 68.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	3158	5809	3851	2636	958	51	.	.	.	.	16463
0.5-0.99	.	479	3027	2243	140	25	.	.	.	.	5914
1.0-1.49	.	.	42	302	66	1	.	.	.	.	418
1.5-1.99	.	.	.	1	1	.	.	.	.	.	3
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
10.0-10.49	0
10.5-10.99	0
11.0-11.49	0
11.5-11.99	0
12.0-12.49	0
12.5-12.99	0
13.0-13.49	0
13.5-13.99	0
14.0-14.49	0
14.5-14.99	0
15.0-15.49	0
15.5-15.99	0
16.0-16.49	0
16.5-16.99	0
17.0-17.49	0
17.5-17.99	0
18.0-18.49	0
18.5-18.99	0
19.0-19.49	0
19.5-19.99	0
20.0-20.49	0
20.5-20.99	0
21.0-21.49	0
21.5-21.99	0
22.0-22.49	0
22.5-22.99	0
23.0-23.49	0
23.5-23.99	0
24.0-24.49	0
24.5-24.99	0
25.0-25.49	0
25.5-25.99	0
26.0-26.49	0
26.5-26.99	0
27.0-27.49	0
27.5-27.99	0
28.0-28.49	0
28.5-28.99	0
29.0-29.49	0
29.5-29.99	0
30.0-30.49	0
30.5-30.99	0
31.0-31.49	0
31.5-31.99	0
32.0-32.49	0
32.5-32.99	0
33.0-33.49	0
33.5-33.99	0
34.0-34.49	0
34.5-34.99	0
35.0-35.49	0
35.5-35.99	0
36.0-36.49	0
36.5-36.99	0
37.0-37.49	0
37.5-37.99	0
38.0-38.49	0
38.5-38.99	0
39.0-39.49	0
39.5-39.99	0
40.0-40.49	0
40.5-40.99	0
41.0-41.49	0
41.5-41.99	0
42.0-42.49	0
42.5-42.99	0
43.0-43.49	0
43.5-43.99	0
44.0-44.49	0
44.5-44.99	0
45.0-45.49	0
45.5-45.99	0
46.0-46.49	0
46.5-46.99	0
47.0-47.49	0
47.5-47.99	0
48.0-48.49	0
48.5-48.99	0
49.0-49.49	0
49.5-49.99	0
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62.5-62.99	0
63.0-63.49	0
63.5-63.99	0
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64.5-64.99	0
65.0-65.49	0
65.5-65.99	0
66.0-66.49	0
66.5-66.99	0
67.0-67.49	0
67.5-67.99	0
68.0-68.49	0
68.5-68.99	0
69.0-69.49	0
69.5-69.99	0
70.0-70.49	0
70.5-70.99	0
71.0-71.49	0
71.5-71.99	0
72.0-72.49	0
72.5-72.99	0
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74.0-74.49	0
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75.5-75.99	0
76.0-76.49	0
76.5-76.99	0
77.0-77.49	0
77.5-77.99	0
78.0-78.49	0
78.5-78.99	0
79.0-79.49	0
79.5-79.99	0
80.0-80.49	0
80.5-80.99	0
81.0-81.49	0
81.5-81.99	0
82.0-82.49	0
82.5-82.99	0
83.0-83.49	0
83.5-83.99	0
84.0-84.49	0
84.5-84.99	0
85.0-85.49	0
85.5-85.99	0
86.0-86.49	0
86.5-86.99	0
87.0-87.49	0
87.5-87.99	0
88.0-88.49	0
88.5-88.99	.	.	.								

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.55 LARGEST HS(M) = 3.89 ANGLE CLASS % = 11.4

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

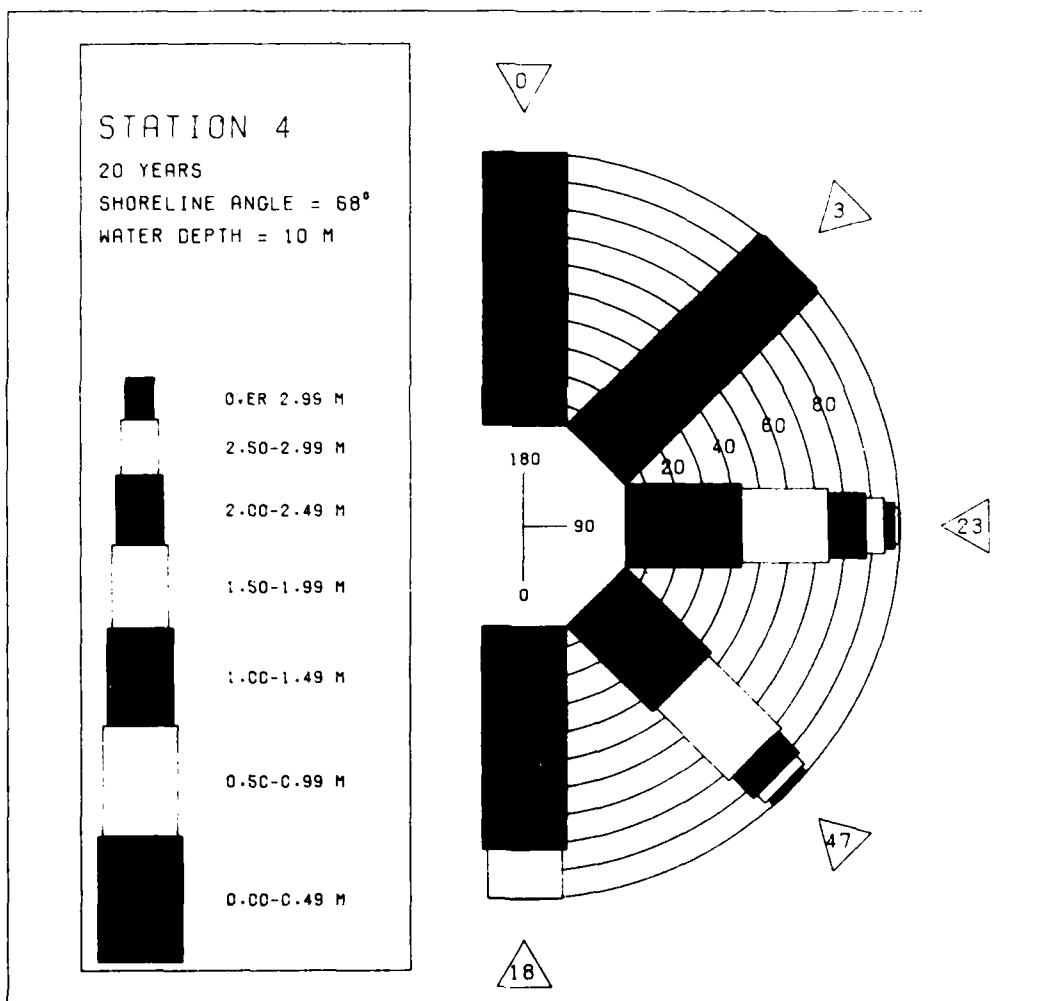
AVERAGE HS(M) = 0.01 LARGEST HS(M) = 0.01 ANGLE CLASS % = 0.0

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

SHORELINE ANGLE = 68.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9		LONGER
0.0	719	1142	490	340	691	586	290	47	37	52	4794
0.5	.	293	826	362	68	738	225	43	50	53	3818
1.0	.	.	47	303	112	255	62	22	27	30	2808
1.5	.	.	.	13	94	155	64	10	7	11	1354
2.0	.	.	.	.	20	14	43	18	5	5	1011
2.5	.	.	.	.	.	.	300	13	2	1	1011
3.0	.	.	.	.	.	.	2	1	1	1	1011
3.5	.	.	.	.	.	.	.	1	1	1	1011
4.0	.	.	.	.	.	.	.	1	1	1	1011
4.5	.	.	.	.	.	.	.	1	1	1	1011
5.0	.	.	.	.	.	.	.	1	1	1	1011
5.00 GREATER	.	.	.	.	.	.	.	1	1	1	1011
TOTAL	719	1435	1423	1018	985	2193	851	151	130	145	0
AVE H(SIM) = 0.55	LARGEST H(SIM) = 5.02										TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 4

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.6	0.5	0.6	0.5	0.4	0.5	0.3	0.3	0.3	0.5	0.5	0.4
1957	0.4	0.5	0.3	0.6	0.4	0.4	0.4	0.2	0.7	0.4	0.6	1.0	0.5
1958	0.5	0.4	0.2	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.6	0.4	0.5
1959	0.7	0.7	0.7	0.5	0.4	0.4	0.6	0.3	0.3	0.6	0.8	0.6	0.5
1960	0.4	0.7	0.3	0.7	0.4	0.4	0.4	0.4	0.4	0.5	0.7	0.6	0.5
1961	0.5	0.5	0.4	0.5	0.8	0.5	0.3	0.3	0.4	0.3	0.3	0.6	0.5
1962	1.0	0.4	0.2	0.8	0.3	0.5	0.4	0.4	0.4	0.6	0.5	1.0	0.5
1963	0.7	0.6	0.7	0.4	0.7	0.5	0.5	0.4	0.3	0.4	1.0	0.3	0.6
1964	0.7	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4	0.4	0.6	0.7	0.6
1965	0.5	0.7	0.6	0.4	0.4	0.5	0.5	0.6	0.3	0.7	0.8	0.5	0.5
1966	0.4	0.6	0.7	0.4	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.5
1967	0.7	0.8	0.5	0.4	0.6	0.5	0.6	0.6	0.4	0.6	0.6	0.5	0.6
1968	0.4	0.5	0.3	0.7	0.4	0.5	0.4	0.4	0.3	0.5	0.6	1.0	0.5
1969	0.5	1.0	0.7	0.8	0.7	0.4	0.4	0.5	0.4	0.4	0.7	0.7	0.6
1970	0.4	0.8	0.4	0.5	0.6	0.6	0.7	0.4	0.4	0.4	0.5	0.4	0.5
1971	0.6	0.9	0.7	0.5	0.7	0.4	0.6	0.5	0.4	0.5	0.4	0.6	0.6
1972	0.8	0.9	1.0	0.5	0.6	0.7	0.5	0.5	0.4	0.6	0.5	0.6	0.6
1973	0.9	0.5	0.6	0.7	0.6	0.6	0.7	0.4	0.6	0.5	1.0	1.5	0.7
1974	0.7	0.6	1.1	1.0	0.5	0.5	0.5	0.6	0.5	0.5	0.7	0.6	0.6
1975	0.7	0.5	0.5	0.5	0.3	0.6	0.7	0.2	0.4	0.3	1.1	1.1	0.6
MEAN	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 4

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.7	2.9	2.3	2.4	2.1	1.5	1.7	0.9	1.3	2.0	2.6	2.7
1957	2.0	1.9	2.1	2.4	1.2	2.4	1.5	0.9	2.0	1.4	2.8	3.1
1958	2.2	3.1	1.4	2.0	1.4	1.4	1.3	1.7	1.5	1.4	2.5	1.4
1959	3.3	2.5	3.3	2.1	1.5	1.4	1.4	1.2	1.4	2.9	3.2	3.4
1960	2.8	2.9	1.6	2.8	0.9	1.1	2.5	1.5	2.9	2.0	2.5	3.1
1961	2.7	2.1	2.9	1.9	3.8	1.9	1.3	1.4	2.6	1.2	1.7	2.8
1962	2.8	2.4	1.2	2.6	1.9	2.0	1.5	2.1	1.7	2.4	2.7	3.4
1963	3.2	2.2	2.8	2.0	2.4	1.8	1.4	1.8	2.3	1.5	4.2	4.0
1964	2.8	2.0	2.1	2.0	2.0	1.9	2.0	1.9	2.2	2.1	2.6	2.5
1965	2.4	3.1	2.4	2.4	1.3	1.9	1.3	1.5	2.0	2.1	2.3	2.3
1966	3.5	3.0	2.6	1.1	1.8	1.8	1.7	1.2	2.1	1.8	2.6	3.1
1967	2.7	2.5	2.1	2.3	2.2	1.4	1.4	2.1	1.7	2.3	2.3	2.6
1968	2.1	2.9	3.2	2.7	1.2	1.9	1.4	1.2	2.1	1.9	3.2	3.0
1969	2.3	2.8	2.3	2.6	2.5	1.4	1.6	1.5	2.4	1.4	2.3	3.2
1970	2.2	3.9	2.3	3.3	2.2	2.0	2.1	1.3	2.0	2.2	3.0	2.4
1971	2.8	2.9	3.9	2.4	2.0	1.3	1.3	1.9	1.1	2.2	2.4	2.3
1972	2.5	4.0	2.7	1.2	2.1	2.3	1.8	1.7	2.5	2.7	3.0	3.1
1973	3.3	2.8	3.0	2.1	2.3	1.4	2.2	1.3	2.2	2.8	3.6	5.0
1974	2.7	3.0	3.7	2.4	2.5	1.5	1.6	2.4	2.5	2.3	2.7	2.5
1975	2.8	3.7	3.9	2.9	1.4	2.3	1.9	1.2	2.6	1.3	3.0	3.2

LARGEST HS(METRES) FOR STATION 4 = 5.0

STATION 5 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2267	4869	3049	1726	655	237	56	.	.	.	12859
0.50 - 0.99	.	580	2997	1786	160	34	.	.	.	.	5557
1.00 - 1.49	.	.	35	219	71	5	.	.	.	.	330
1.50 - 1.99	1	.	.	.	.	.	3
2.00 - 2.49	1
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2267	5449	6081	3731	890	276	56	0	0	0	0

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 2.02 ANGLE CLASS % = 18.8

STATION 5 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1329	1764	2753	651	4680	9877	2662	231	.	.	19743
0.50 - 0.99	.	1271	251	1478	213	4572	2523	239	.	.	12851
1.00 - 1.49	.	.	.	71	604	1090	610	51	.	.	4031
1.50 - 1.99	59	763	610	87	.	.	1753
2.00 - 2.49	1	306	185	49	.	.	138
2.50 - 2.99	23	56	5	.	.	14
3.00 - 3.49	1	.	.	.	1
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1329	3035	3004	2200	6001	15831	6466	721	30	5	0

AVERAGE HS(M) = 0.63 LARGEST HS(M) = 3.66 ANGLE CLASS % = 38.6

STATION 5 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	648	797	1146	87	807	1605	525	253	385	535	5555
0.50 - 0.99	.	677	171	718	136	1040	393	159	527	528	4594
1.00 - 1.49	.	.	.	56	118	407	193	150	220	229	2220
1.50 - 1.99	37	328	160	47	23	100	1114
2.00 - 2.49	1	446	133	15	2	49	777
2.50 - 2.99	123	167	44	6	10	361
3.00 - 3.49	20	11	5	6	177
3.50 - 3.99	10
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	648	1474	1317	861	1469	3949	1591	718	1230	1479	0

AVERAGE HS(M) = 0.86 LARGEST HS(M) = 4.49 ANGLE CLASS % = 14.8

STATION 5 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHOELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00	- 0.49	674	1209	227	37	2174	1875	511	63	11	309	7090
0.50	- 0.99	.	270	1074	518	365	2482	829	63	225	1663	7519
1.00	- 1.49	.	.	51	385	369	537	326	87	420	521	2696
1.50	- 1.99	.	.	.	10	177	386	119	47	100	15	854
2.00	- 2.49	.	.	.	.	34	188	35	5	39	8	309
2.50	- 2.99	.	.	.	.	1	20	37	15	11	5	209
3.00	- 3.49	.	.	.	.	.	.	6	5	1	.	19
3.50	- 3.99	.	.	.	.	.	.	.	.	.	.	2
4.00	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		674	1479	1352	950	3150	5488	1863	286	815	2521	
AVERAGE HS(M) = 0.72 LARGEST HS(M) = 3.92 ANGLE CLASS % = 18.6												

AVERAGE HS(M) = 0.72 LARGEST HS(M) = 3.92 ANGLE CLASS % = 18.6

STATION 5 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHOELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	193	487	571	826	489	142	.	.	.	.	2708
0.50 - 0.99	.	.	5	6	18	10	.	.	.	.	39
1.00 - 1.49	0	
1.50 - 1.99	0	
2.00 - 2.49	0	
2.50 - 2.99	0	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	193	487	576	832	507	152	0	0	0	0		

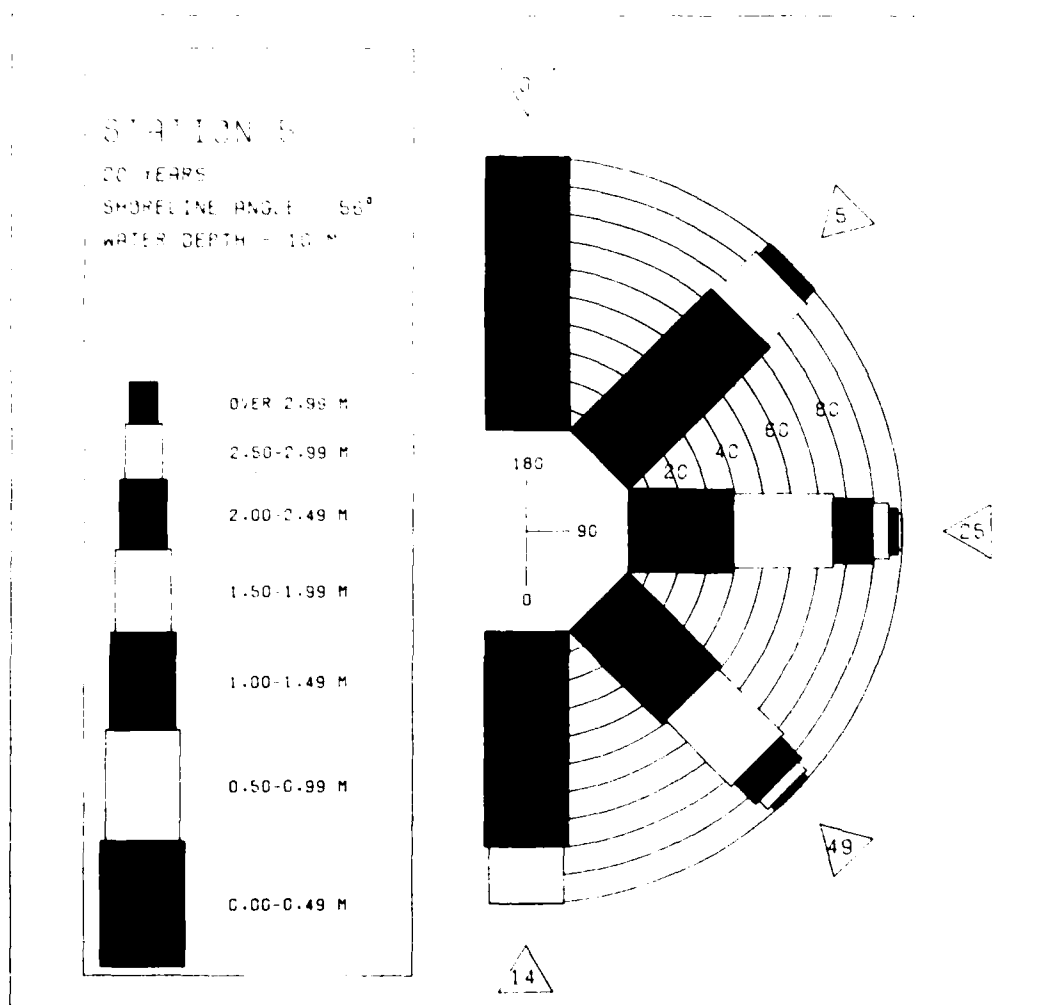
AVERAGE HS(M) = 0.15 LARGEST HS(M) = 0.82 ANGLE CLASS % = 2.8

STATION 5 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHOELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	0
0.50-0.99	0
1.00-1.49	0
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0	511	912	1204	857	1200	1286	966	168	205	396	52440
0.50	.	274	50	13	100	100	113	54	33	219	1000
1.00	100	100	113	54	33	219	1000
1.50	100	100	113	54	33	219	1000
2.00	100	100	113	54	33	219	1000
2.50	100	100	113	54	33	219	1000
3.00	100	100	113	54	33	219	1000
3.50	100	100	113	54	33	219	1000
4.00	100	100	113	54	33	219	1000
4.50	100	100	113	54	33	219	1000
5.00	100	100	113	54	33	219	1000
5.50	100	100	113	54	33	219	1000
6.00	100	100	113	54	33	219	1000
6.50	100	100	113	54	33	219	1000
7.00	100	100	113	54	33	219	1000
7.50	100	100	113	54	33	219	1000
8.00	100	100	113	54	33	219	1000
8.50	100	100	113	54	33	219	1000
9.00	100	100	113	54	33	219	1000
9.50	100	100	113	54	33	219	1000
10.00	100	100	113	54	33	219	1000
10.50	100	100	113	54	33	219	1000
11.00	100	100	113	54	33	219	1000
11.50	100	100	113	54	33	219	1000
12.00	100	100	113	54	33	219	1000
12.50	100	100	113	54	33	219	1000
13.00	100	100	113	54	33	219	1000
13.50	100	100	113	54	33	219	1000
14.00	100	100	113	54	33	219	1000
14.50	100	100	113	54	33	219	1000
15.00	100	100	113	54	33	219	1000
15.50	100	100	113	54	33	219	1000
16.00	100	100	113	54	33	219	1000
16.50	100	100	113	54	33	219	1000
17.00	100	100	113	54	33	219	1000
17.50	100	100	113	54	33	219	1000
18.00	100	100	113	54	33	219	1000
18.50	100	100	113	54	33	219	1000
19.00	100	100	113	54	33	219	



MEAN HS(METRES) BY MONTH AND YEAR

STATION 5

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.6	0.6	0.6	0.5	0.4	0.5	0.3	0.2	0.3	0.5	0.6	0.4
1957	0.4	0.4	0.3	0.5	0.4	0.4	0.6	0.4	0.7	0.3	0.9	1.1	0.5
1958	0.7	0.4	0.4	0.6	0.5	0.4	0.5	0.6	0.4	0.4	0.6	0.3	0.5
1959	0.6	0.7	0.7	0.5	0.4	0.4	0.5	0.3	0.3	0.6	0.8	0.6	0.5
1960	0.3	0.7	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.6	0.5
1961	0.5	0.5	0.4	0.6	1.0	1.1	1.0	0.9	1.0	0.7	0.5	0.6	0.7
1962	0.9	0.6	0.2	0.8	0.4	0.5	0.4	0.4	0.5	0.6	0.5	1.0	0.6
1963	0.6	0.5	0.7	0.3	0.7	0.4	0.5	0.3	0.3	0.4	1.0	0.7	0.6
1964	0.7	0.5	0.6	0.5	0.6	0.5	0.4	0.7	0.4	0.4	0.5	0.8	0.5
1965	0.5	0.7	0.5	0.5	0.4	0.5	0.5	0.5	0.3	0.6	0.7	0.5	0.5
1966	0.5	0.5	0.7	0.3	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5
1967	0.6	0.7	0.7	0.4	0.6	0.5	0.6	0.6	0.4	0.6	0.5	0.6	0.6
1968	0.5	1.1	0.8	0.7	0.4	0.5	0.4	0.3	0.3	0.4	0.6	0.9	0.6
1969	0.5	1.0	0.8	0.8	0.7	0.5	0.4	0.5	0.4	0.4	0.8	1.0	0.6
1970	0.3	1.5	0.9	0.6	0.8	0.8	0.7	0.5	0.4	0.6	0.6	0.6	0.7
1971	0.6	0.9	0.7	0.6	0.7	0.4	0.6	0.5	0.4	0.5	0.5	0.5	0.6
1972	0.8	0.9	1.1	0.5	0.7	0.7	0.4	0.5	0.4	0.7	0.6	0.6	0.7
1973	0.8	0.5	0.7	0.7	0.7	0.6	0.7	0.4	0.6	0.5	0.9	1.5	0.7
1974	0.7	0.6	1.2	0.9	0.5	0.6	0.5	0.6	0.5	0.4	0.7	0.5	0.6
1975	0.6	0.5	1.0	1.2	0.3	0.6	0.7	0.2	0.4	0.3	1.1	1.2	0.7
MEAN	0.6	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 5

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.5	2.8	2.1	2.3	1.9	1.4	1.6	0.9	1.3	1.9	2.6	2.6
1957	1.8	1.9	2.3	2.4	1.1	2.3	1.4	0.9	2.0	1.4	2.7	3.1
1958	2.3	3.0	1.7	2.1	1.4	1.4	1.3	1.7	1.5	1.4	2.4	1.2
1959	3.1	2.4	3.0	2.1	1.4	1.4	1.4	1.2	1.2	3.1	3.2	2.8
1960	2.7	2.9	1.6	2.6	1.1	1.3	2.1	1.5	2.8	2.4	2.5	3.1
1961	2.7	2.0	2.9	2.0	3.7	1.9	1.6	1.6	2.6	1.3	1.6	2.7
1962	2.8	2.4	1.1	2.6	1.9	1.9	1.4	2.0	1.7	2.1	2.6	3.1
1963	3.0	2.1	2.8	2.0	2.4	1.7	1.3	1.7	2.2	1.4	4.2	3.5
1964	2.8	2.2	2.0	2.0	1.9	1.8	1.7	1.9	2.2	2.0	2.6	2.3
1965	2.3	3.2	2.4	2.5	1.3	1.7	1.3	1.4	2.0	2.2	2.3	2.3
1966	3.3	2.8	2.5	1.0	1.7	1.7	1.6	1.1	2.1	2.0	2.6	2.8
1967	2.7	2.4	2.0	2.3	2.1	1.2	1.4	2.1	1.7	2.2	2.3	2.7
1968	2.0	3.0	2.7	2.6	1.1	2.1	1.4	1.1	2.1	1.9	3.1	3.0
1969	2.3	2.7	2.5	2.5	2.4	1.3	1.6	1.4	2.4	1.3	2.3	3.3
1970	2.1	3.9	2.3	2.9	2.2	1.9	2.0	1.3	1.9	2.2	2.9	2.3
1971	2.7	2.8	3.8	2.3	2.0	1.2	1.2	1.8	1.3	2.2	2.4	2.2
1972	2.3	3.9	2.7	1.2	2.1	2.1	1.7	1.6	2.5	2.6	3.0	3.0
1973	2.9	2.8	2.8	2.4	2.2	1.4	2.0	1.2	2.1	2.4	3.1	4.5
1974	2.6	2.8	3.5	2.3	2.4	1.5	1.5	2.1	2.5	2.1	2.8	2.5
1975	2.6	2.9	3.9	2.9	1.3	2.3	1.7	1.2	2.4	1.2	2.8	3.1

LARGEST HS(METRES) FOR STATION 5 = 4.5

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 2.02 ANGLE CLASS % = 18.8

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.62 LARGEST HS(M) = 3.77 ANGLE CLASS % = 39.3

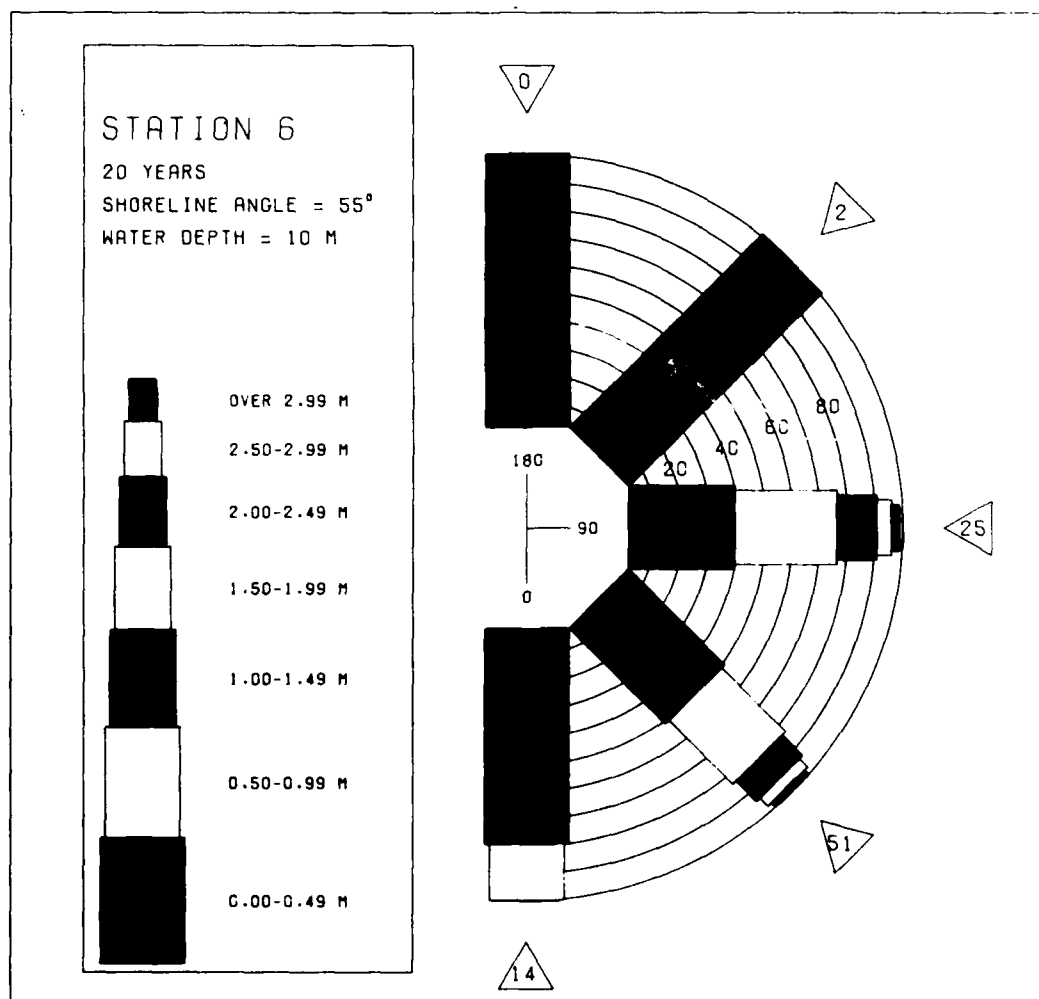
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 4.37 ANGLE CLASS % = 14.8

STATION 6 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 55.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	703	1483	855	718	2600	2188	545	68	11	311	9482
0.5-0.99	.	121	725	475	417	2446	838	68	225	1687	7002
1.0-1.49	.	.	18	217	297	540	335	80	422	513	2422
1.5-1.99	.	.	.	3	99	306	102	49	100	15	674
2.0-2.49	22	109	27	11	39	8	216
2.5-2.99	8	23	6	11	5	53
3.0-3.49	3	3	6	.	12
3.5-3.99	1	3	.	4
4.0-4.49	0
4.5-4.99	0
5.0-5.99	0
6.0-6.99	0
7.0-7.99	0
8.0-8.99	0
9.0-9.99	0
10.0-10.99	0
11.0-11.99	0
12.0-12.99	0
13.0-13.99	0
14.0-14.99	0
15.0-15.99	0
16.0-16.99	0
17.0-17.99	0
18.0-18.99	0
19.0-19.99	0
20.0-20.99	0
21.0-21.99	0
22.0-22.99	0
23.0-23.99	0
24.0-24.99	0
25.0-25.99	0
26.0-26.99	0
27.0-27.99	0
28.0-28.99	0
29.0-29.99	0
30.0-30.99	0
31.0-31.99	0
32.0-32.99	0
33.0-33.99	0
34.0-34.99	0
35.0-35.99	0
36.0-36.99	0
37.0-37.99	0
38.0-38.99	0
39.0-39.99	0
40.0-40.99	0
41.0-41.99	0
42.0-42.99	0
43.0-43.99	0
44.0-44.99	0
45.0-45.99	0
46.0-46.99	0
47.0-47.99	0
48.0-48.99	0
49.0-49.99	0
50.0-50.99	0
51.0-51.99	0
52.0-52.99	0
53.0-53.99	0
54.0-54.99	0
55.0-55.99	0
56.0-56.99	0
57.0-57.99	0
58.0-58.99	0
59.0-59.99	0
60.0-60.99	0
61.0-61.99	0
62.0-62.99	0
63.0-63.99	0
64.0-64.99	0
65.0-65.99	0
66.0-66.99	0
67.0-67.99	0
68.0-68.99	0
69.0-69.99	0
70.0-70.99	0
71.0-71.99	0
72.0-72.99	0
73.0-73.99	0
74.0-74.99	0
75.0-75.99	0
76.0-76.99	0
77.0-77.99	0
78.0-78.99	0
79.0-79.99	0
80.0-80.99	0
81.0-81.99	0
82.0-82.99	0
83.0-83.99	0
84.0-84.99	0
85.0-85.99	0
86.0-86.99	0
87.0-87.99	0
88.0-88.99	0
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91.0-91.99	0
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93.0-93.99	0
94.0-94.99	0
95.0-95.99	0
96.0-96.99	0
97.0-97.99	0
98.0-98.99	0
99.0-99.99	0
100.0-100.99	0
101.0-101.99	0
102.0-102.99	0
103.0-103.99	0
104.0-104.99	0
105.0-105.99	0
106.0-106.99	0
107.0-107.99	0
108.0-108.99	0
109.0-109.99	0
110.0-110.99	0
111.0-111.99	0
112.0-112.99	0
113.0-113.99	0
114.0-114.99	0
115.0-115.99	0
116.0-116.99	0
117.0-117.99	0
118.0-118.99	0
119.0-119.99	0
120.0-120.99	0
121.0-121.99	0
122.0-122.99	0
123.0-123.99	0
124.0-124.99	0
125.0-125.99	0
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130.0-130.99	0
131.0-131.99	0
132.0-132.99	0
133.0-133.99	0
134.0-134.99	0
135.0-135.99	0
136.0-136.99	0
137.0-137.99	0
138.0-138.99	0
139.0-139.99	0
140.0-140.99	0
141.0-141.99	0
142.0-142.99	0
143.0-143.99	0
144.0-144.99	0
145.0-145.99	0
146.0-146.99	0
147.0-147.99	0
148.0-148.99	0
149.0-149.99	0
150.0-150.99	0
151.0-151.99	0
152.0-152.99	0
153.0-153.99	0
154.0-154.99	0
155.0-155.99	0
156.0-156.99	0
157.0-157.99	0
158.0-158.99	0
159.0-159.99	0
160.0-160.99	0
161.0-161.99	0
162.0-162.99	0
163.0-163.99	0
164.0-164.99	0
165.0-165.99	0
166.0-166.99	0
167.0-167.99	0
168.0-168.99							

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9		LONGER
0.0-0.49	499	911	390	242	891	1340	387	56	40	87	4843
0.50-0.99	.	259	772	301	83	758	376	47	75	222	2933
1.00-1.49	.	.	44	267	115	200	115	28	16	76	1333
1.50-1.99	.	.	.	11	93	143	66	15	11	11	542
2.00-2.49	19	85	35	10	5	5	251
2.50-2.99	14	2	4	1	1	99
3.00-3.49	11
3.50-3.99	1
4.00-4.49	1
4.50-4.99	1
5.00-5.49	1
5.50-5.99	1
6.00-6.49	1
6.50-6.99	1
7.00-7.49	1
7.50-7.99	1
8.00-8.49	1
8.50-8.99	1
9.00-9.49	1
9.50-9.99	1
10.00-10.49	1
10.50-10.99	1
11.00-11.49	1
11.50-11.99	1
12.00-12.49	1
12.50-12.99	1
13.00-13.49	1
13.50-13.99	1
14.00-14.49	1
14.50-14.99	1
15.00-15.49	1
15.50-15.99	1
16.00-16.49	1
16.50-16.99	1
17.00-17.49	1
17.50-17.99	1
18.00-18.49	1
18.50-18.99	1
19.00-19.49	1
19.50-19.99	1
20.00-20.49	1
20.50-20.99	1
21.00-21.49	1
21.50-21.99	1
22.00-22.49	1
22.50-22.99	1
23.00-23.49							



MEAN HS(METRES) BY MONTH AND YEAR

STATION 6

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.2	0.6	0.6	0.6	0.5	0.4	0.5	0.3	0.2	0.3	0.5	0.5	0.4
1957	0.4	0.4	0.3	0.5	0.3	0.4	0.6	0.4	0.7	0.3	0.9	1.1	0.5
1958	0.7	0.4	0.4	0.6	0.5	0.4	0.5	0.6	0.4	0.4	0.6	0.3	0.5
1959	0.6	0.6	0.6	0.5	0.4	0.4	0.5	0.3	0.3	0.6	0.8	0.6	0.5
1960	0.3	0.7	0.3	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.5	0.5
1961	0.5	0.5	0.4	0.5	1.0	1.1	1.0	0.9	1.0	0.7	0.5	0.5	0.7
1962	0.9	0.5	0.2	0.8	0.4	0.5	0.4	0.4	0.4	0.6	0.5	1.0	0.6
1963	0.6	0.5	0.7	0.3	0.7	0.4	0.5	0.3	0.3	0.4	1.0	0.7	0.5
1964	0.7	0.5	0.6	0.5	0.6	0.5	0.4	0.7	0.4	0.4	0.5	0.7	0.5
1965	0.5	0.7	0.5	0.5	0.4	0.4	0.5	0.5	0.3	0.6	0.7	0.5	0.5
1966	0.4	0.5	0.7	0.3	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5
1967	0.6	0.7	0.7	0.4	0.5	0.5	0.6	0.6	0.4	0.6	0.5	0.6	0.6
1968	0.5	1.0	0.8	0.7	0.4	0.5	0.4	0.3	0.3	0.4	0.6	0.8	0.6
1969	0.5	1.0	0.7	0.8	0.7	0.5	0.4	0.5	0.4	0.4	0.7	0.9	0.6
1970	0.3	1.4	0.9	0.5	0.8	0.8	0.7	0.5	0.4	0.6	0.6	0.6	0.7
1971	0.5	0.8	0.7	0.5	0.7	0.6	0.6	0.5	0.4	0.5	0.4	0.5	0.5
1972	0.8	0.9	1.1	0.5	0.7	0.7	0.4	0.5	0.4	0.7	0.6	0.6	0.6
1973	0.8	0.5	0.7	0.7	0.7	0.5	0.7	0.4	0.6	0.5	0.9	1.4	0.7
1974	0.7	0.6	1.1	0.9	0.5	0.5	0.5	0.5	0.5	0.4	0.7	0.5	0.6
1975	0.6	0.5	1.0	1.1	0.3	0.6	0.6	0.2	0.4	0.3	1.0	1.1	0.6
MEAN	0.5	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 6

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.5	2.8	2.1	2.3	1.9	1.4	1.6	0.9	1.3	1.9	2.5	2.5
1957	1.8	1.9	2.2	2.3	1.1	2.3	1.4	0.9	2.0	1.4	2.7	3.1
1958	2.3	3.0	1.4	2.1	1.4	1.4	1.3	1.7	1.5	1.4	2.4	1.2
1959	3.1	2.4	2.9	2.1	1.4	1.4	1.4	1.1	1.2	3.1	3.2	2.7
1960	2.5	2.9	1.6	2.6	1.0	1.2	2.1	1.5	2.8	2.2	2.5	3.0
1961	2.7	2.0	2.9	1.9	3.7	1.9	1.6	1.6	2.6	1.3	1.6	2.6
1962	2.7	2.4	1.1	2.6	1.9	1.9	1.4	2.0	1.6	2.1	2.6	3.1
1963	3.0	2.1	2.8	2.0	2.4	1.7	1.3	1.7	2.2	1.4	4.0	3.5
1964	2.8	2.1	2.0	2.0	1.8	1.8	1.7	1.9	2.2	2.0	2.5	2.3
1965	2.3	3.2	2.4	2.5	1.3	1.7	1.3	1.4	2.0	2.1	2.3	2.3
1966	3.2	2.8	2.5	1.0	1.7	1.7	1.6	1.1	2.1	1.9	2.6	2.8
1967	2.6	2.4	2.0	2.3	2.1	1.2	1.4	2.1	1.7	2.2	2.1	2.7
1968	2.0	3.0	2.7	2.5	1.1	2.0	1.3	1.1	2.1	1.9	3.1	2.9
1969	2.2	2.7	2.4	2.5	2.4	1.3	1.6	1.4	2.4	1.3	2.3	3.3
1970	2.1	3.9	2.3	2.9	2.2	1.8	2.0	1.3	1.9	2.2	2.9	2.3
1971	2.7	2.7	3.6	2.3	2.0	1.2	1.2	1.7	1.3	2.2	2.4	2.0
1972	2.3	3.8	2.7	1.1	2.1	2.1	1.7	1.6	2.5	2.6	3.0	3.0
1973	2.9	2.8	2.8	2.4	2.2	1.4	2.0	1.2	2.1	2.4	3.1	4.4
1974	2.6	2.8	3.5	2.3	2.4	1.5	1.5	2.1	2.5	2.0	2.8	2.4
1975	2.6	2.9	3.9	2.9	1.3	2.3	1.7	1.2	2.4	1.2	2.8	3.1

LARGEST HS(METRES) FOR STATION 6 = 4.4

STATION 7 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2763	5667	3677	1581	1220	2065	1	.	.	.	16974
0.50 - 0.99	.	479	3068	1382	479	497	10	.	.	.	5915
1.00 - 1.49	.	.	17	95	165	22	.	.	.	.	299
1.50 - 1.99	8	.	.	.	.	.	8
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2763	6146	6762	3058	1872	2584	11	0	0	0	0

AVERAGE HS(M) = 0.36 LARGEST HS(M) = 1.59 ANGLE CLASS % = 23.2

STATION 7 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1365	1704	2248	657	5128	8976	3131	331	232	34	20901
0.50 - 0.99	.	1156	.	1101	258	3292	1505	152	323	23	9614
1.00 - 1.49	.	.	179	29	627	1033	475	94	379	10	3609
1.50 - 1.99	354	636	241	73	299	1	1569
2.00 - 2.49	61	224	148	39	200	3	509
2.50 - 2.99	1	18	34	3	90	1	87
3.00 - 3.49	3	1	.	1
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1365	2860	2427	1787	6429	14179	5534	727	690	100	0

AVERAGE HS(M) = 0.58 LARGEST HS(M) = 3.91 ANGLE CLASS % = 36.1

STATION 7 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	545	592	845	82	881	1288	759	42	128	448	4683
0.50 - 0.99	.	552	.	597	56	1480	484	224	195	260	4178
1.00 - 1.49	.	.	130	23	97	419	160	162	83	171	1824
1.50 - 1.99	239	258	83	30	29	77	739
2.00 - 2.49	71	335	124	10	10	6	555
2.50 - 2.99	73	102	42	1	5	222
3.00 - 3.49	23	41	1	1	66
3.50 - 3.99	1	6	1	1	13
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	545	1144	975	702	1344	3853	1736	557	457	969	0

AVERAGE HS(M) = 0.82 LARGEST HS(M) = 4.22 ANGLE CLASS % = 12.3

STATION 7 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	539	501	804	42	451	225	11	1	10	234	1972
0.50-0.99	.	492	100	460	13	121	49	8	.	176	1705
1.00-1.49	.	.	3	30	126	58	17	1	.	54	810
1.50-1.99	244	159	1	1	.	3	444
2.00-2.49	68	345	53	1	.	.	467
2.50-2.99	124	124	1	.	.	263
3.00-3.49	1	17	25	.	.	43
3.50-3.99	1	5	.	.	6
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	539	993	907	532	902	1033	267	57	10	467	

AVERAGE HS(M) = 0.96 LARGEST HS(M) = 3.69 ANGLE CLASS % = 5.7

STATION 7 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	359	574	917	331	88	164	11	.	.	.	1197
0.50-0.99	.	289	53	494	477	264	24	.	.	.	1916
1.00-1.49	.	.	.	6	155	482	25	.	.	.	1179
1.50-1.99	34	501	111	6	.	.	779
2.00-2.49	169	82	29	.	.	293
2.50-2.99	10	20	1	.	.	59
3.00-3.49	1	.	.	.	2
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	359	863	971	831	767	1512	273	44	0	0	

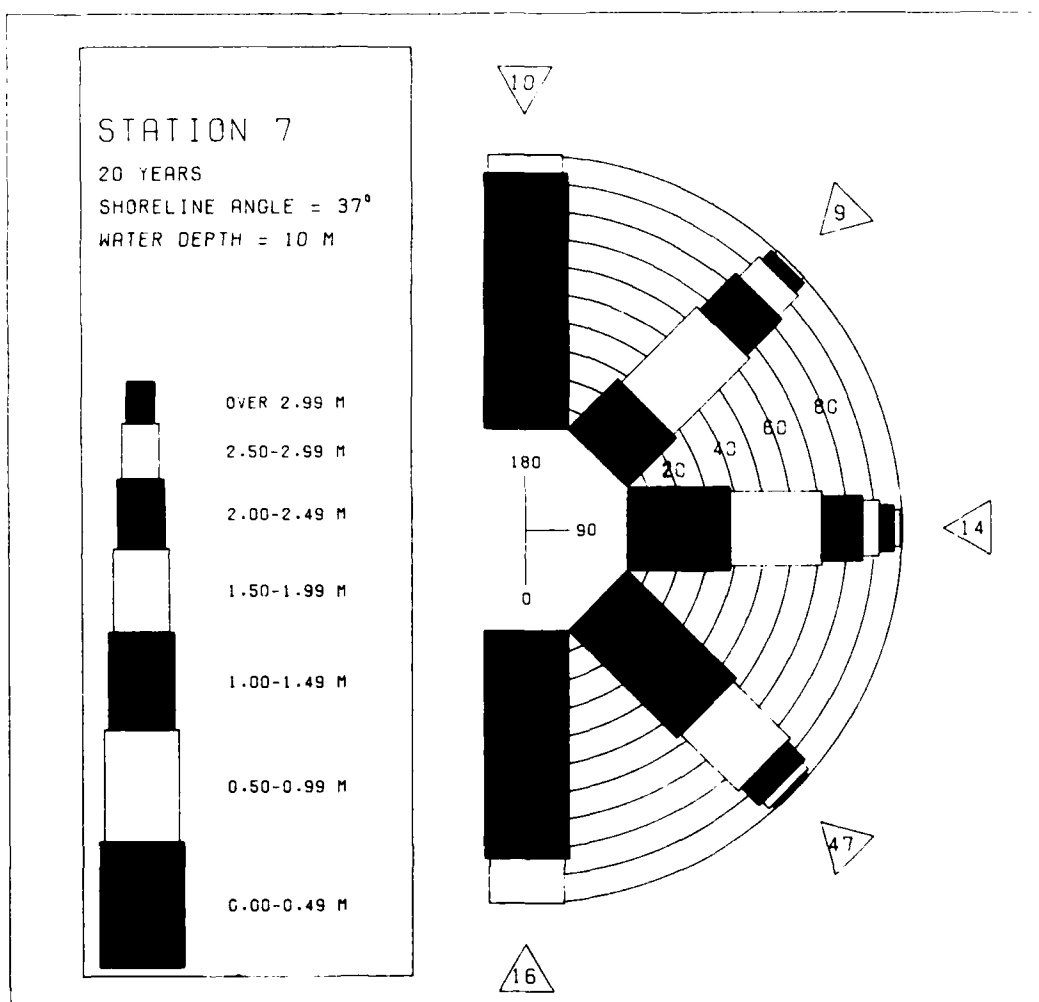
AVERAGE HS(M) = 1.01 LARGEST HS(M) = 3.02 ANGLE CLASS % = 5.6

STATION 7 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	918	1707	1966	3547	1647	130	.	.	.	.	9915
0.50-0.99	.	51	605	881	275	20	.	.	.	.	1832
1.00-1.49	.	.	.	30	27	.	.	.	.	.	57
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	918	1758	2571	4458	1949	150	0	0	0	0	

AVERAGE HS(M) = 0.25 LARGEST HS(M) = 1.39 ANGLE CLASS % = 11.8

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0	- 0.49	649	1074	564	512	541	1285	391	37	37	71	5561
0.50	- 0.99		302	848	337	115	1509	107	38	51	46	2513
1.00	- 1.49			48	278	146	151	67	35	18	25	1459
1.50	- 1.99				9	103	155	43	17	5	9	1332
2.00	- 2.49					23	107	40	7		1	1381
2.50	- 2.99						22	28	11			61
3.00	- 3.49							4	7			11
3.50	- 3.99								1			1
4.00	- 4.49											0
4.50	- 4.99											0
5.00	- GREATER											0
TOTAL		649	1376	1460	1136	1325	2329	780	137	112	152	
AVE HS (M) = 0.53		LARGEST HS (M) = 4.22		TOTAL CASES =		58440						



MEAN HS(METRES) BY MONTH AND YEAR

STATION 7

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.6	0.5	0.6	0.4	0.7	0.5	0.3	0.3	0.4	0.5	0.6	0.5
1957	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.4	0.5	0.3	0.7	0.9	0.5
1958	0.8	0.4	0.6	0.7	0.5	0.4	0.4	0.6	0.4	0.5	0.4	0.3	0.5
1959	0.4	0.5	0.5	0.6	0.3	0.4	0.4	0.3	0.2	0.7	1.1	0.6	0.5
1960	0.3	0.6	0.4	0.6	0.4	0.4	0.3	0.3	0.4	0.4	0.5	0.4	0.4
1961	0.5	0.5	0.5	0.6	0.8	0.6	0.5	0.3	0.6	0.6	0.4	0.4	0.5
1962	0.6	0.6	0.4	0.7	0.3	0.4	0.3	0.5	0.5	0.6	0.6	0.9	0.5
1963	0.6	0.4	0.6	0.3	0.7	0.4	0.4	0.3	0.4	0.4	1.1	0.5	0.5
1964	0.6	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.8	0.5
1965	0.6	0.6	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.6	0.5	0.4
1966	0.6	0.4	0.7	0.3	0.5	0.4	0.4	0.4	0.5	0.3	0.6	0.6	0.5
1967	0.6	0.6	0.6	0.6	0.7	0.5	0.4	0.4	0.4	0.6	0.4	0.6	0.5
1968	0.5	0.6	0.7	0.6	0.4	0.4	0.3	0.2	0.3	0.4	0.6	0.6	0.5
1969	0.5	1.3	0.8	0.7	0.6	0.4	0.4	0.4	0.4	0.4	0.8	1.0	0.6
1970	0.3	0.8	0.5	0.5	0.8	0.7	0.6	0.5	0.4	0.6	0.7	0.7	0.6
1971	0.4	0.8	0.6	0.5	0.6	0.4	0.5	0.4	0.3	0.5	0.5	0.5	0.5
1972	0.6	1.0	1.1	0.5	0.8	0.7	0.4	0.4	0.5	0.6	0.7	0.7	0.7
1973	0.6	0.7	0.8	0.7	0.7	0.5	0.6	0.4	0.5	0.5	0.6	1.2	0.7
1974	0.6	0.6	1.0	0.8	0.5	0.6	0.4	0.4	0.5	0.3	0.7	0.6	0.6
1975	0.7	0.4	0.7	0.6	0.3	0.6	0.6	0.2	0.4	0.4	0.8	1.1	0.6
MEAN	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 7

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.1	2.5	2.4	2.2	1.4	1.5	1.6	1.3	1.3	2.3	2.4	2.5
1957	2.3	1.7	2.6	2.4	1.1	1.8	1.2	0.9	2.0	1.4	2.4	3.0
1958	2.7	3.1	2.9	2.2	1.4	1.4	1.3	1.6	1.4	2.3	2.6	1.8
1959	2.6	2.2	3.1	2.2	1.1	1.2	1.7	1.0	1.0	3.4	3.0	2.5
1960	2.4	2.9	2.6	2.3	1.3	1.4	1.9	1.1	2.3	2.2	2.3	2.9
1961	2.6	2.4	3.1	2.1	3.2	1.4	1.3	1.0	2.7	2.1	2.7	2.8
1962	2.5	2.4	2.2	2.6	1.7	1.6	1.1	1.7	2.5	2.4	2.6	3.3
1963	2.7	1.8	2.9	1.7	2.4	1.3	1.2	1.6	2.2	2.3	3.8	2.7
1964	2.7	2.3	2.2	1.6	1.2	1.5	1.2	1.6	2.1	2.1	2.8	2.2
1965	2.3	3.5	2.4	2.5	1.3	1.1	1.2	1.2	1.3	2.4	2.2	2.3
1966	3.4	2.6	2.2	1.1	1.4	1.4	2.1	0.8	1.8	1.2	2.9	2.9
1967	3.0	2.1	2.0	2.4	2.8	1.6	1.2	1.8	1.9	2.0	1.8	2.6
1968	2.3	2.4	2.7	2.5	1.3	2.5	1.2	0.9	1.7	1.5	2.9	2.9
1969	2.6	3.0	2.7	2.9	2.1	1.1	1.8	2.0	1.7	1.1	2.2	3.7
1970	1.7	3.1	2.6	2.8	2.2	2.0	1.8	1.7	1.7	2.3	2.6	3.0
1971	2.5	2.6	3.6	2.3	2.0	1.1	1.2	1.6	1.5	2.3	3.2	2.5
1972	2.0	3.5	3.0	1.4	2.1	2.3	1.3	1.3	3.0	2.3	2.7	2.8
1973	2.9	2.8	2.8	2.9	2.1	1.4	2.0	1.2	1.5	2.9	2.8	4.2
1974	2.3	2.6	2.8	2.0	2.2	1.9	1.3	1.5	2.1	1.8	2.9	2.9
1975	2.4	2.7	3.3	2.9	1.6	2.3	1.5	1.5	2.0	1.9	2.6	3.2

LARGEST HS(METRES) FOR STATION 7 = 4.2

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 1.84 ANGLE CLASS % = 22.0

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.66 LARGEST HS(M) = 3.71 ANGLE CLASS % = 33.6

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.81 LARGEST HS(M) = 4.44 ANGLE CLASS % = 15.8

STATION 8 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 63.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	665	694	1048	71	879	1285	321	17	10	289	4160
0.50-0.99	.	698	184	633	58	1387	219	253	42	169	3945
1.00-1.49	.	.	.	32	130	408	130	133	27	47	1698
1.50-1.99	202	272	66	222	17	1	702
2.00-2.49	73	378	95	253	8	.	559
2.50-2.99	85	104	34	.	.	214
3.00-3.49	29	5	.	.	6
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	665	1392	1232	736	1438	3815	964	492	104	506	

AVERAGE HS(M) = 0.83 LARGEST HS(M) = 3.53 ANGLE CLASS % = 11.4

STATION 8 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 63.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	424	600	864	251	224	266	29	.	.	.	1543
0.50-0.99	.	371	651	430	118	500	92	.	.	.	2037
1.00-1.49	.	.	1	10	121	484	130	1	.	.	1453
1.50-1.99	37	388	75	308	.	.	620
2.00-2.49	112	13	30	.	.	254
2.50-2.99	8	.	.	.	.	21
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	424	971	930	697	835	1593	414	64	0	0	

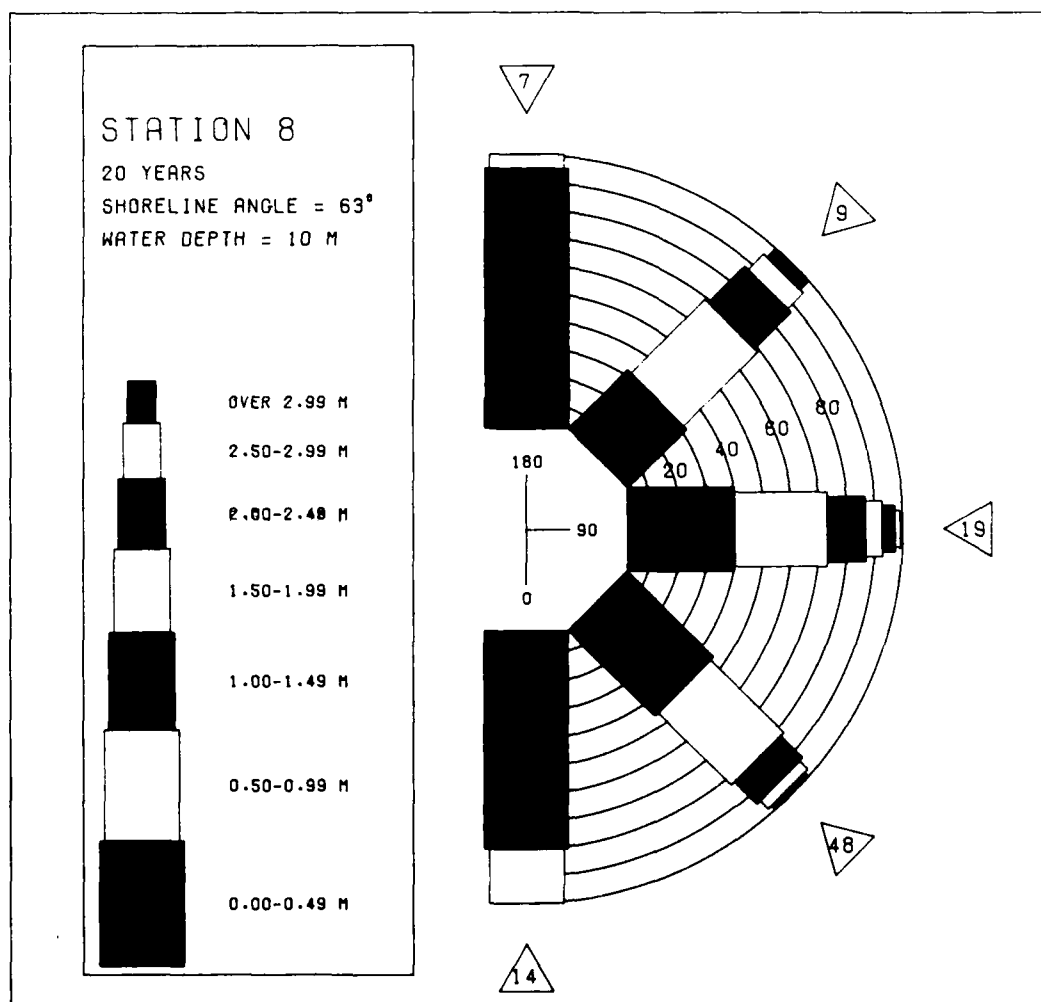
AVERAGE HS(M) = 0.92 LARGEST HS(M) = 2.83 ANGLE CLASS % = 5.9

STATION 8 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 63.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	758	1360	1504	2328	1057	131	.	.	.	.	7138
0.50-0.99	.	51	530	429	210	114	.	.	.	.	1334
1.00-1.49	.	.	.	20	27	.	.	.	.	.	47
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	758	1411	2034	2777	1294	245	0	0	0	0	

AVERAGE HS(M) = 0.24 LARGEST HS(M) = 1.26 ANGLE CLASS % = 8.5

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL	
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER	
0.00	-	0.49											4
0.50	-	0.99	629	990	445	417	876	1157	291	24	31	65	42
1.00	-	1.49		395	935	283	132	67	325	55	29	45	31
1.50	-	1.99			74	147	147	268	18	18	24	24	30
2.00	-	2.49				14	120	176	51	12	12	12	30
2.50	-	2.99					26	113	49	10	8	2	20
3.00	-	3.49						19	30	11	1		15
3.50	-	3.99							4	1			1
4.00	-	4.49								1			1
4.50	-	4.99											1
5.00	-	5.49											1
5.50	-	5.99											1
5.00	-	GREATER											0
TOTAL		629	1385	1504	1057	1301	2580	832	139	117	148		
AVE HS(M) = 0.61		LARGEST HS(M) = 4.44		TOTAL CASES =		58440							



MEAN HS(METRES) BY MONTH AND YEAR

STATION 8

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.8	0.7	0.6	0.7	0.5	0.7	0.6	0.3	0.3	0.4	0.6	0.7	0.6
1957	0.4	0.5	0.4	0.6	0.5	0.4	0.6	0.5	0.6	0.4	0.8	1.0	0.5
1958	0.7	0.5	0.5	0.7	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.4	0.5
1959	0.6	0.7	0.7	0.6	0.4	0.4	0.5	0.3	0.3	0.8	1.1	0.7	0.6
1960	0.4	0.8	0.4	0.8	0.5	0.5	0.4	0.4	0.5	0.5	0.7	0.6	0.5
1961	0.6	0.6	0.5	0.6	0.9	0.7	0.6	0.4	0.7	0.6	0.4	0.6	0.6
1962	0.8	0.6	0.4	0.9	0.4	0.5	0.4	0.5	0.5	0.6	0.6	0.9	0.6
1963	0.7	0.5	0.7	0.4	0.8	0.5	0.5	0.4	0.4	0.5	1.1	0.6	0.6
1964	0.7	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.6
1965	0.6	0.7	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.6	0.8	0.6	0.6
1966	0.6	0.5	0.8	0.4	0.6	0.5	0.5	0.5	0.6	0.5	0.6	0.6	0.5
1967	0.7	0.8	0.6	0.6	0.7	0.5	0.6	0.6	0.4	0.6	0.5	0.6	0.6
1968	0.5	0.7	0.8	0.7	0.5	0.5	0.4	0.3	0.3	0.5	0.7	0.9	0.6
1969	0.6	1.2	0.8	0.8	0.8	0.4	0.5	0.5	0.5	0.4	0.8	0.9	0.7
1970	0.3	1.0	0.6	0.6	0.8	0.8	0.7	0.5	0.4	0.6	0.7	0.6	0.6
1971	0.6	1.0	0.8	0.6	0.7	0.4	0.6	0.5	0.4	0.6	0.5	0.5	0.6
1972	0.8	1.0	1.1	0.5	0.8	0.8	0.5	0.5	0.5	0.7	0.7	0.8	0.7
1973	0.8	0.6	0.8	0.8	0.7	0.6	0.7	0.5	0.6	0.6	0.9	1.4	0.8
1974	0.7	0.6	1.2	1.0	0.6	0.6	0.5	0.5	0.6	0.5	0.8	0.6	0.7
1975	0.7	0.5	0.7	0.6	0.4	0.6	0.8	0.2	0.4	0.4	0.9	1.2	0.6
MEAN	0.6	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 8

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.4	2.7	2.2	2.4	1.8	1.6	1.9	0.9	1.2	2.0	2.6	2.6	
1957	2.1	1.9	2.5	2.8	1.4	2.0	1.4	1.1	2.2	1.4	2.8	3.2	
1958	2.4	3.5	2.6	2.1	1.4	1.4	1.4	1.8	1.8	2.0	2.6	1.5	
1959	3.0	2.6	3.2	2.3	1.4	1.3	1.8	1.2	1.4	3.4	3.1	2.9	
1960	2.6	2.9	2.0	2.6	1.3	1.4	2.2	1.4	2.7	2.1	2.4	3.0	
1961	2.7	2.4	3.2	2.1	3.7	1.7	1.4	1.3	2.8	1.5	2.2	2.8	
1962	2.6	2.2	1.5	2.5	1.8	2.0	1.4	1.7	2.3	2.3	2.7	3.3	
1963	3.0	1.7	2.9	1.9	2.5	1.5	1.4	2.0	2.4	2.2	4.0	3.1	
1964	2.7	2.2	2.3	1.8	1.7	1.9	1.4	1.8	1.7	2.0	2.9	2.3	
1965	2.5	3.5	2.4	2.6	1.3	1.5	1.3	1.4	1.3	2.4	2.4	2.2	
1966	3.5	2.5	2.4	1.5	1.7	1.6	2.5	1.1	1.8	1.3	2.8	3.0	
1967	2.9	2.7	2.3	2.2	2.8	1.3	1.3	2.4	1.6	2.1	2.2	2.5	
1968	2.2	2.7	2.5	2.5	1.3	2.4	1.3	1.0	1.8	1.5	2.7	3.0	
1969	2.6	3.1	2.7	2.9	2.4	1.3	1.8	2.0	1.8	1.3	2.1	3.5	
1970	2.1	3.3	2.6	3.0	2.3	2.1	2.0	1.4	1.9	2.1	3.0	2.6	
1971	2.7	2.9	3.9	2.5	2.4	1.4	1.5	1.8	1.5	2.3	3.0	2.6	
1972	2.4	4.0	3.0	1.2	1.9	2.3	1.4	1.6	2.7	2.3	2.7	2.9	
1973	3.1	3.0	3.4	2.7	2.2	1.4	2.1	1.2	1.8	2.8	3.2	4.4	
1974	2.8	2.8	2.9	2.4	2.4	1.9	1.6	2.0	2.6	2.2	3.0	2.9	
1975	2.9	3.1	3.6	3.3	1.5	2.4	2.0	1.5	2.7	1.5	2.8	3.1	

LARGEST HS(METRES) FOR STATION 8 = 4.4

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.37 LARGEST HS(M) = 1.88 ANGLE CLASS % = 22.5

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.63 LARGEST HS(M) = 3.73 ANGLE CLASS % = 36.1

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.82 LARGEST HS(M) = 4.44 ANGLE CLASS % = 11.4

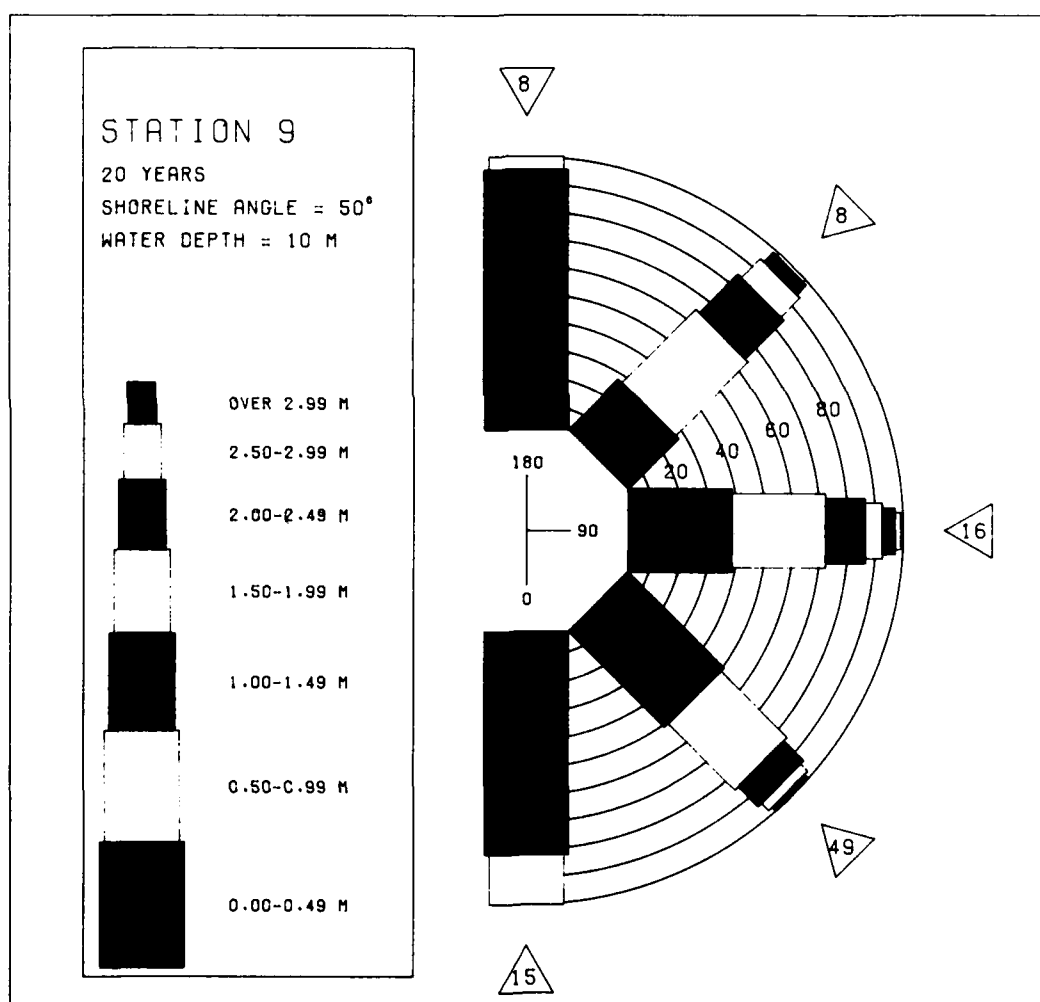
STATION 9 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 50.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	533	559	917	53	1052	1392	330	20	10	296	4192
0.50-0.99	.	547	154	527	54	1480	284	289	35	177	3776
1.00-1.49	.	.	1	27	116	396	136	150	30	56	1565
1.50-1.99	260	253	59	27	18	3	648
2.00-2.49	82	343	83	3	11	.	522
2.50-2.99	88	130	10	.	.	228
3.00-3.49	1	18	3	.	.	48
3.50-3.99	1	.	.	.	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
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56.50-56.99	0
57.00-57.49	0
57.50-57.99	0
58.00-58.49	0
58.50-58.99	0
59.00-59.49	0
59.50-59.99	0
60.00-60.49	0
60.50-60.99	0
61.00-61.49	0
61.50-61.99	0
62.00-62.49	0
62.50-62.99	0
63.00-63.49	0
63.50-63.99	0
64.00-64.49	0
64.50-64.99	0
65.00-65.49	0
65.50-65.99	0
66.00-66.49	0
66.50-66.99	0
67.00-67.49	0
67.50-67.99	0
68.00-68.49	0
68.50-68.99	0
69.00-69.49	0
69.50-69.99	0
70.00-70.49	0
70.50-70.99	0
71.00-71.49	0
71.50-71.99	0
72.00-72.49	0
72.50-72.99	0
73.00-73.49	0
73.50-73.99	0
74.00-74.49	0
74.50-74.99	0
75.00-75.49	0
75.50-75.99	0
76.00-76.49	0
76.50-76.99	0
77.00-77.49	0
77.50-77.99	0
78.00-78.49	0
78.50-78.99	0
79.00-79.49	0
79.50-79.99	0
80.00-80.49	0
80.50-80.99	0
81.00-81.49	0
81.50-81.99	0
82.00-82.49	0
82.50-82.99	0
83.00-83.49	0
83.50-83.99	0
84.00-84.49	0
84.50-84.99	0
85.00-85.49	0
85.50-85.99	0
86.00-86.49	0
86.50-86.99	.	.									

STATION 9 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 50.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	622	1004	497	437	921	1259	314	29	33	69	5185
0.50-0.99	.	347	901	289	128	740	503	49	45	45	2300
1.00-1.49	.	.	63	310	149	236	78	21	25	11	1002
1.50-1.99	.	.	.	11	109	163	49	10	7	2	469
2.00-2.49	.	.	.	.	23	20	3	1	1	.	169
2.50-2.99	.	.	.	.	.	.	.	.	.	.	30
3.00-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	622	1351	1461	1047	1324	2527	822	141	120	152	0
TOTAL	622	1351	1461	1047	1324	2527	822	141	120	152	58440

Ave HS(M) = 0.57 LARGEST HS(M) = 4.44 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 9

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.6	0.6	0.7	0.5	0.7	0.6	0.3	0.3	0.4	0.6	0.6	0.6
1957	0.4	0.5	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.8	0.9	0.5
1958	0.8	0.5	0.5	0.7	0.5	0.4	0.5	0.6	0.4	0.5	0.5	0.4	0.5
1959	0.5	0.6	0.6	0.6	0.4	0.4	0.5	0.3	0.3	0.8	1.1	0.6	0.6
1960	0.3	0.7	0.4	0.7	0.4	0.5	0.4	0.4	0.4	0.5	0.6	0.5	0.5
1961	0.5	0.5	0.5	0.6	0.8	0.6	0.5	0.4	0.7	0.6	0.4	0.5	0.6
1962	0.7	0.6	0.4	0.8	0.4	0.5	0.4	0.5	0.5	0.6	0.6	0.9	0.6
1963	0.6	0.4	0.7	0.4	0.7	0.4	0.5	0.3	0.4	0.5	1.1	0.5	0.5
1964	0.7	0.5	0.6	0.6	0.5	0.4	0.4	0.5	0.4	0.4	0.5	0.8	0.5
1965	0.6	0.7	0.4	0.5	0.4	0.4	0.5	0.5	0.3	0.6	0.7	0.5	0.5
1966	0.6	0.4	0.7	0.3	0.5	0.5	0.5	0.5	0.5	0.4	0.6	0.6	0.5
1967	0.7	0.7	0.6	0.6	0.7	0.5	0.5	0.5	0.4	0.6	0.5	0.6	0.6
1968	0.5	0.7	0.7	0.7	0.5	0.5	0.3	0.3	0.3	0.4	0.6	0.7	0.5
1969	0.5	1.2	0.8	0.8	0.7	0.4	0.5	0.5	0.4	0.4	0.8	1.0	0.7
1970	0.3	0.9	0.5	0.6	0.8	0.7	0.7	0.5	0.4	0.6	0.7	0.6	0.6
1971	0.5	0.9	0.7	0.5	0.7	0.4	0.6	0.5	0.4	0.6	0.5	0.5	0.6
1972	0.7	1.0	1.1	0.5	0.8	0.8	0.4	0.5	0.5	0.6	0.7	0.8	0.7
1973	0.7	0.7	0.8	0.8	0.7	0.6	0.7	0.5	0.5	0.6	0.7	1.3	0.7
1974	0.7	0.6	1.1	0.9	0.6	0.6	0.5	0.5	0.5	0.4	0.8	0.6	0.6
1975	0.7	0.5	0.7	0.6	0.4	0.6	0.7	0.2	0.4	0.4	0.8	1.2	0.6
MEAN	0.6	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 9

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.7	2.6	2.2	2.4	1.5	1.6	1.8	1.0	1.2	2.0	2.5	2.6	
1957	2.2	1.8	2.6	2.6	1.3	1.9	1.3	1.0	2.1	1.4	2.6	3.0	
1958	2.7	3.4	2.7	2.1	1.4	1.4	1.3	1.7	1.6	2.2	2.6	1.7	
1959	2.8	2.3	3.1	2.2	1.3	1.3	1.8	1.2	1.3	3.4	3.1	2.6	
1960	2.5	2.9	2.3	2.5	1.3	1.4	2.0	1.3	2.6	2.2	2.3	3.0	
1961	2.6	2.3	3.1	2.1	3.6	1.5	1.4	1.2	2.8	1.8	2.4	2.8	
1962	2.5	2.4	2.0	2.5	1.7	1.8	1.3	1.5	2.4	2.4	2.6	3.2	
1963	2.8	1.7	2.9	1.8	2.5	1.4	1.3	1.8	2.3	2.2	4.0	2.7	
1964	2.7	2.3	2.3	1.7	1.4	1.8	1.3	1.7	1.6	2.1	2.8	2.2	
1965	2.4	3.5	2.4	2.5	1.3	1.4	1.3	1.3	1.3	2.4	2.2	2.2	
1966	3.4	2.5	2.3	1.3	1.5	1.4	2.4	1.0	1.8	1.3	2.9	2.9	
1967	3.0	2.5	2.2	2.1	2.8	1.4	1.2	2.0	1.6	2.1	2.0	2.5	
1968	2.2	2.6	2.4	2.5	1.3	2.4	1.3	1.0	1.8	1.4	2.7	3.0	
1969	2.6	3.0	2.7	2.9	2.2	1.2	1.8	2.0	1.8	1.2	2.2	3.7	
1970	1.9	3.2	2.6	2.8	2.2	2.1	1.9	1.4	1.8	2.2	2.8	2.9	
1971	2.6	2.7	3.7	2.4	2.2	1.3	1.3	1.7	1.5	2.3	3.2	2.6	
1972	2.3	3.9	3.0	1.4	1.8	2.2	1.4	1.4	2.9	2.3	2.7	2.7	
1973	3.1	3.0	3.1	2.8	2.1	1.4	2.1	1.2	1.6	2.9	3.0	4.4	
1974	2.5	2.7	2.9	2.1	2.3	1.9	1.5	1.9	2.5	2.0	2.9	2.9	
1975	2.7	2.9	3.4	3.2	1.4	2.4	1.8	1.4	2.3	1.7	2.8	3.1	

LARGEST HS(METRES) FOR STATION 9 = 4.4

STATION 10 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 78.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0	- 0.49	2296	4277	2953	2518	977	75	.	.	.	.	13096
0.50	- 0.99	.	588	2921	2674	248	11	.	.	.	.	6463
1.00	- 1.49	.	.	32	354	92	1	.	.	.	.	473
1.50	- 1.99	.	.	.	6	11	.	.	.	.	.	17
2.00	- 2.49	.	.	.	.	.	.	.	.	.	.	0
2.50	- 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00	- 3.49	.	.	.	.	.	.	.	.	.	.	0
3.50	- 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		2296	4665	5926	5552	1328	87	0	0	0	0	0	
AVERAGE HS(M) = 0.41 LARGEST HS(M) = 1.99 ANGLE CLASS % = 20.1													

AVERAGE HS(M) = 0.41 LARGEST HS(M) = 1.99 ANGLE CLASS % = 20.1

STATION 10 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 78.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0	- 0.49	1522	2126			417	951	104	20	53		5193	
0.50	- 0.99		1784	3584	698	30	1442	160	8			7706	
1.00	- 1.49			265	1581	513	374	99	1			2833	
1.50	- 1.99				54	393	444	82				973	
2.00	- 2.49					58	248	52				388	
2.50	- 2.99						34	1				89	
3.00	- 3.49								5			5	
3.50	- 3.99											0	
4.00	- 4.49											0	
4.50	- 4.99											0	
5.00	- GREATER											0	
TOTAL		1522	3910	3849	2333	1411	3493	579	37	53	0		
AVERAGE HS(M) = 0.78 LARGEST HS(M) = 3.64 ANGLE CLASS % = 17.2													

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 3.64 ANGLE CLASS % = 17.2

STATION 10 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 78.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0	- 0.49	932	1066	.	.	3360	6637	2677	323	130	787	15912	
0.500	- 0.99	.	980	1666	78	193	3348	1736	171	179	780	9141	
1.000	- 1.49	.	.	201	977	165	860	1469	73	20	47	2843	
1.500	- 1.99	.	.	.	53	338	462	318	30	11	15	1277	
2.000	- 2.49	.	.	.	.	71	453	220	15	11	5	341
2.500	- 2.99	.	.	.	.	.	92	188	46	.	.	66
3.000	- 3.49	.	.	.	.	.	.	23	3	1	.	11
3.500	- 3.99	.	.	.	.	.	.	.	.	.	.	3
4.000	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.500	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.000	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		932	2046	1867	1108	4127	11852	5671	703	363	1640		
AVERAGE HS(M) = 0.65 LARGEST HS(M) = 4.16 ANGLE CLASS % = 30.3													

AVERAGE HS(M) = 0.65 LARGEST HS(M) = 4.16 ANGLE CLASS % = 30.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 10

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.5	0.7	0.5	0.7	0.5	0.5	0.5	0.3	0.3	0.4	0.6	0.7	0.5
1957	0.5	0.5	0.4	0.6	0.5	0.4	0.5	0.4	0.6	0.4	0.8	1.0	0.5
1958	0.8	0.6	0.5	0.7	0.5	0.6	0.5	0.6	0.5	0.5	0.7	0.4	0.6
1959	0.7	0.7	0.7	0.5	0.4	0.4	0.5	0.3	0.3	0.7	1.0	0.6	0.6
1960	0.4	0.8	0.7	0.9	0.4	0.5	0.4	0.3	0.4	0.5	0.8	0.6	0.6
1961	0.6	0.5	0.6	0.6	0.8	0.7	0.5	0.4	0.7	0.6	0.4	0.7	0.6
1962	0.9	0.5	0.4	0.8	0.4	0.5	0.4	0.4	0.5	0.6	0.6	0.9	0.6
1963	0.6	0.6	0.8	0.4	0.7	0.4	0.5	0.4	0.5	0.5	1.0	0.5	0.6
1964	0.8	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.7	0.8	0.6
1965	0.7	0.8	0.5	0.5	0.4	0.6	0.6	0.5	0.4	0.7	0.9	0.6	0.6
1966	0.6	0.5	0.7	0.4	0.6	0.5	0.5	0.5	0.6	0.5	0.7	0.7	0.6
1967	0.7	0.8	0.5	0.5	0.7	0.7	0.7	0.6	0.5	0.7	0.6	0.6	0.6
1968	0.5	0.7	0.7	0.7	0.4	0.5	0.6	0.5	0.4	0.5	0.7	0.9	0.6
1969	0.7	0.8	0.7	0.9	0.8	0.5	0.6	0.5	0.5	0.4	0.8	0.9	0.7
1970	0.4	0.9	0.6	0.6	0.8	0.7	0.8	0.6	0.4	0.5	0.6	0.6	0.6
1971	0.6	0.9	0.7	0.5	0.6	0.4	0.6	0.5	0.4	0.6	0.5	0.6	0.6
1972	0.8	1.0	1.0	0.5	0.7	0.7	0.5	0.5	0.6	0.6	0.6	0.8	0.7
1973	0.8	0.6	0.7	0.8	0.8	0.6	0.7	0.5	0.5	0.6	1.0	1.4	0.7
1974	0.7	0.6	1.3	1.1	0.5	0.5	0.5	0.5	0.6	0.5	0.7	0.7	0.7
1975	0.7	0.5	0.7	0.6	0.4	0.6	0.7	0.2	0.4	0.4	0.9	1.1	0.6
MEAN	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.7	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 10

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.7	2.8	2.2	2.5	1.5	1.5	2.0	0.9	1.4	2.0	2.6	2.7	
1957	2.0	1.5	2.3	2.8	1.4	2.2	1.3	1.2	2.2	1.5	2.9	2.9	
1958	2.3	3.4	2.4	2.0	1.4	1.5	1.3	1.8	1.7	1.4	2.6	1.6	
1959	3.1	2.6	3.3	2.4	2.1	1.5	2.0	1.3	1.4	3.4	3.0	3.0	
1960	2.6	3.0	2.2	2.7	1.1	1.4	2.5	1.2	2.9	2.1	2.5	3.1	
1961	2.8	2.6	2.5	1.9	3.1	1.7	1.5	1.4	3.2	1.3	1.7	2.7	
1962	2.6	2.0	1.6	2.5	1.6	1.4	1.4	2.4	2.1	2.1	2.4	3.2	
1963	3.2	2.1	2.7	1.6	2.4	1.4	1.4	2.4	2.4	1.8	3.9	3.6	
1964	2.8	2.3	2.4	2.0	2.0	1.8	1.4	2.0	1.8	2.0	2.9	2.4	
1965	2.6	3.6	2.0	2.3	1.3	1.5	1.4	1.3	1.6	2.3	2.6	2.2	
1966	3.3	2.6	2.4	1.4	1.5	1.6	2.5	1.3	2.1	1.3	2.9	3.4	
1967	2.7	2.5	1.8	2.1	2.8	1.4	1.2	2.4	1.6	2.1	1.7	2.7	
1968	1.9	2.6	2.7	2.6	1.5	2.5	1.4	1.4	2.0	1.6	2.8	2.8	
1969	2.6	2.0	2.5	2.8	2.5	1.4	1.9	1.8	1.7	1.5	2.2	3.4	
1970	2.6	3.5	2.4	3.1	2.3	2.2	2.2	1.3	1.8	1.8	2.9	2.6	
1971	2.8	2.9	3.5	2.6	1.9	1.4	1.5	2.1	1.1	2.1	2.5	2.6	
1972	2.4	4.2	2.9	1.2	1.7	2.3	1.4	1.5	2.8	2.4	2.6	3.4	
1973	3.2	2.8	3.3	2.5	2.2	1.5	2.1	1.3	2.2	2.9	3.3	4.0	
1974	2.9	2.8	3.1	2.6	2.4	2.1	1.6	2.0	2.7	2.3	2.9	3.1	
1975	2.9	3.3	2.9	2.9	1.6	2.4	2.3	1.4	2.6	1.3	2.7	3.4	

LARGEST HS(METRES) FOR STATION 10 = 4.2

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.40 LARGEST HS(M) = 1.78 ANGLE CLASS % = 19.8

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.67 LARGEST HS(M) = 3.64 ANGLE CLASS % = 23.2

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.71 LARGEST HS(M) = 4.16 ANGLE CLASS % = 24.6

MEAN HS(METRES) BY MONTH AND YEAR

STATION 11

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.5	0.6	0.5	0.7	0.5	0.5	0.5	0.3	0.3	0.4	0.6	0.7	0.5
1957	0.5	0.5	0.4	0.6	0.5	0.4	0.4	0.4	0.6	0.4	0.8	1.0	0.5
1958	0.8	0.6	0.5	0.7	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.4	0.6
1959	0.7	0.7	0.7	0.5	0.4	0.4	0.5	0.3	0.3	0.7	1.0	0.6	0.6
1960	0.4	0.8	0.7	0.8	0.4	0.5	0.4	0.3	0.4	0.5	0.8	0.6	0.6
1961	0.6	0.5	0.6	0.6	0.8	0.6	0.5	0.4	0.7	0.6	0.4	0.6	0.6
1962	0.9	0.6	0.4	0.8	0.4	0.5	0.4	0.4	0.5	0.6	0.6	0.9	0.6
1963	0.6	0.6	0.8	0.4	0.7	0.4	0.5	0.4	0.5	0.5	1.0	0.5	0.6
1964	0.8	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.3	0.6
1965	0.6	0.8	0.4	0.5	0.4	0.6	0.6	0.5	0.3	0.6	0.8	0.5	0.6
1966	0.6	0.5	0.7	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.7	0.7	0.5
1967	0.7	0.8	0.5	0.5	0.7	0.7	0.7	0.6	0.5	0.7	0.6	0.6	0.6
1968	0.5	0.7	0.7	0.7	0.4	0.5	0.6	0.5	0.4	0.5	0.7	0.9	0.6
1969	0.7	0.9	0.7	0.9	0.8	0.5	0.6	0.5	0.5	0.4	0.8	0.9	0.7
1970	0.3	0.9	0.6	0.5	0.8	0.7	0.8	0.6	0.4	0.5	0.6	0.6	0.6
1971	0.6	0.8	0.7	0.5	0.6	0.4	0.6	0.5	0.4	0.6	0.5	0.6	0.6
1972	0.8	1.0	1.0	0.5	0.7	0.7	0.4	0.5	0.6	0.6	0.6	0.3	0.7
1973	0.8	0.6	0.7	0.8	0.8	0.6	0.7	0.5	0.5	0.6	0.9	1.3	0.7
1974	0.7	0.6	1.2	1.1	0.5	0.5	0.5	0.5	0.6	0.5	0.7	0.7	0.7
1975	0.7	0.5	0.7	0.5	0.4	0.6	0.7	0.2	0.4	0.4	0.9	1.1	0.6
MEAN	0.6	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.5	0.5	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 11

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.1	2.8	2.2	2.5	1.5	1.5	2.0	0.9	1.4	2.0	2.6	2.7
1957	2.0	1.5	2.4	2.8	1.4	2.1	1.3	1.1	2.2	1.5	2.9	2.9
1958	2.3	3.4	2.5	2.0	1.4	1.4	1.3	1.8	1.7	1.5	2.6	1.6
1959	3.0	2.6	3.3	2.4	2.0	1.3	2.1	1.3	1.4	3.4	3.0	3.0
1960	2.6	3.0	2.2	2.7	1.2	1.4	2.4	1.2	2.9	2.1	2.5	3.0
1961	2.8	2.6	2.6	1.9	3.1	1.7	1.5	1.3	3.2	1.3	1.8	2.7
1962	2.6	2.0	1.7	2.5	1.6	1.4	1.4	2.2	2.1	2.2	2.4	3.2
1963	3.1	2.1	2.7	1.6	2.4	1.4	1.4	2.4	2.4	1.8	3.9	3.5
1964	2.8	2.4	2.4	2.0	2.0	1.8	1.4	2.0	1.8	2.0	2.9	2.3
1965	2.6	3.6	2.0	2.3	1.3	1.5	1.4	1.2	1.5	2.3	2.5	2.2
1966	3.3	2.6	2.4	1.3	1.5	1.6	2.5	1.3	2.1	1.3	2.9	3.3
1967	2.9	2.4	1.6	2.1	2.8	1.4	1.2	2.4	1.6	2.1	1.7	2.7
1968	2.0	2.6	2.5	2.6	1.5	2.5	1.3	1.4	2.0	1.6	2.8	2.8
1969	2.6	2.2	2.5	2.9	2.5	1.4	1.9	1.7	1.7	1.4	2.2	3.4
1970	2.5	3.5	2.4	2.8	2.3	2.2	2.1	1.3	1.8	1.9	2.9	2.6
1971	2.7	2.9	3.5	2.5	1.9	1.3	1.4	2.1	1.1	2.1	2.5	2.6
1972	2.4	4.2	3.0	1.2	1.7	2.3	1.4	1.5	2.8	2.3	2.6	3.4
1973	3.1	2.8	3.2	2.5	2.2	1.5	2.1	1.3	2.1	2.9	3.2	4.0
1974	2.9	2.8	3.1	2.4	2.3	2.1	1.6	2.0	2.6	2.3	2.9	3.1
1975	2.9	3.1	2.9	2.9	1.5	2.4	2.1	1.4	2.6	1.4	2.7	3.4

LARGEST HS(METRES) FOR STATION 11 = 4.2

STATION 12 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 12 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1269	2753	2799	1485	1514	1622	54	.	.	.	11496
0.50 - 0.99	.	.	191	234	306	193	.	.	.	.	924
1.00 - 1.49	15	47	3	.	.	.	65
1.50 - 1.99	5	.	.	.	.	5
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1269	2753	2990	1719	1835	1867	57	0	0	0	0

AVERAGE HS(M) = 0.23 LARGEST HS(M) = 1.61 ANGLE CLASS % = 12.5

STATION 12 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	2561	4464	701	1524	3762	6317	2565	242	244	18	20874
0.50 - 0.99	.	922	4372	1100	145	1921	727	255	237	18	10191
1.00 - 1.49	.	.	102	32	227	627	153	17	54	18	12850
1.50 - 1.99	373	616	117	10	11	6	1066
2.00 - 2.49	63	309	112	10	6	8	508
2.50 - 2.99	51	61	22	5	1	140
3.00 - 3.49	1	18	1	1	13
3.50 - 3.99	15	1	15
4.00 - 4.49	1	1	1
4.50 - 4.99	1	1
5.00 - GREATER	0
TOTAL	2561	5386	5175	2656	5270	9811	3770	403	574	61	0

AVERAGE HS(M) = 0.56 LARGEST HS(M) = 4.79 ANGLE CLASS % = 35.7

MEAN HS(METRES) BY MONTH AND YEAR

STATION 12

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.6	0.5	0.5	0.6	0.5	0.5	0.4	0.2	0.2	0.3	0.5	0.5	0.4
1957	0.3	0.4	0.3	0.5	0.4	0.3	0.4	0.2	0.5	0.3	0.6	0.8	0.4
1958	0.5	0.3	0.3	0.6	0.4	0.4	0.4	0.4	0.3	0.4	0.5	0.3	0.4
1959	0.5	0.5	0.5	0.5	0.3	0.3	0.5	0.3	0.2	0.6	0.7	0.5	0.4
1960	0.3	0.6	0.3	0.6	0.4	0.4	0.4	0.3	0.3	0.4	0.6	0.4	0.4
1961	0.3	0.4	0.3	0.5	0.5	0.7	0.3	0.3	0.6	0.4	0.3	0.4	0.4
1962	0.6	0.4	0.3	0.6	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.7	0.4
1963	0.4	0.4	0.7	0.3	0.6	0.3	0.4	0.3	0.4	0.3	0.8	0.3	0.4
1964	0.6	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.4	0.5	0.7	0.5
1965	0.5	0.5	0.3	0.4	0.3	0.4	0.5	0.4	0.3	0.5	0.6	0.4	0.4
1966	0.4	0.3	0.5	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.4
1967	0.6	0.6	0.4	0.4	0.6	0.7	0.7	0.6	0.5	0.6	0.5	0.5	0.6
1968	0.3	0.4	0.5	0.5	0.4	0.4	0.3	0.2	0.3	0.4	0.4	0.6	0.4
1969	0.5	0.6	0.5	0.7	0.6	0.3	0.4	0.4	0.3	0.3	0.7	0.7	0.5
1970	0.2	0.8	0.4	0.4	0.6	0.5	0.7	0.4	0.3	0.4	0.5	0.4	0.5
1971	0.4	0.7	0.5	0.4	0.5	0.3	0.5	0.4	0.3	0.4	0.3	0.4	0.4
1972	0.6	0.9	1.1	0.7	0.8	0.8	0.6	0.6	0.4	0.5	0.5	0.5	0.7
1973	0.6	0.5	0.5	0.6	0.6	0.5	0.6	0.4	0.4	0.5	0.7	1.2	0.6
1974	0.6	0.5	1.3	1.1	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6
1975	0.6	0.4	0.5	0.5	0.3	0.5	0.6	0.2	0.3	0.3	0.7	0.9	0.5
MEAN	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 12

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.8	2.8	2.0	3.1	1.5	1.4	2.0	0.7	1.3	2.0	2.8	2.6
1957	2.0	1.6	2.4	3.1	1.4	2.0	1.1	1.0	2.0	1.4	2.6	2.9
1958	2.7	3.3	2.6	2.1	1.4	1.4	1.2	1.7	1.7	1.5	2.5	1.7
1959	2.9	2.5	3.4	2.3	1.3	1.2	2.2	1.2	1.0	3.4	2.8	2.9
1960	2.5	3.0	2.1	2.8	1.1	1.3	2.4	1.1	2.6	1.9	2.2	2.6
1961	2.7	3.2	2.4	1.7	2.9	1.7	1.5	1.2	3.3	1.1	1.5	2.6
1962	2.7	2.1	2.1	2.5	1.4	1.2	1.1	2.0	2.0	1.9	2.3	3.3
1963	2.9	2.2	2.6	1.6	2.5	1.2	1.2	2.5	2.3	1.5	3.9	2.7
1964	2.9	2.2	2.4	2.2	1.4	1.6	1.2	2.1	1.5	1.2	3.0	2.3
1965	2.5	3.6	1.3	2.2	1.4	1.2	1.2	0.8	1.3	2.0	2.3	1.9
1966	3.5	2.4	2.2	1.3	2.0	2.0	2.5	1.2	2.0	1.7	2.4	3.8
1967	2.7	2.6	1.5	2.0	2.8	1.2	1.1	2.0	1.4	1.9	1.4	2.6
1968	1.8	2.4	2.6	2.4	2.2	2.3	1.2	1.1	1.5	1.3	3.0	2.7
1969	2.6	1.9	2.4	2.5	2.5	1.1	1.4	1.3	1.4	1.2	2.1	3.3
1970	2.4	3.8	2.4	2.6	2.2	1.9	2.1	1.1	1.7	2.0	2.4	3.3
1971	2.9	2.6	4.0	2.7	1.7	1.4	1.6	1.4	1.0	2.0	1.8	2.7
1972	2.2	4.2	2.9	1.5	2.0	2.4	1.3	1.5	2.4	2.3	2.5	1.8
1973	3.0	2.7	3.1	2.2	2.1	1.5	2.0	1.1	1.7	2.9	3.1	4.8
1974	2.7	2.9	3.3	2.3	2.3	2.1	1.4	1.8	2.5	2.2	2.6	3.2
1975	2.7	2.8	3.2	2.8	1.4	2.2	2.1	0.9	2.3	1.0	2.3	3.4

LARGEST HS(METRES) FOR STATION 12 = 4.8

STATION 13 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1560	1952			3795	2275	778	123	58	1878	12419
0.50 - 0.99		927	2200	251	212	1124	550	53	145	2739	8201
1.00 - 1.49			111	894	297	523	124	47	54	350	2400
1.50 - 1.99				23	359	482	142	13	10	94	1123
2.00 - 2.49					83	432	189	13	5	10	732
2.50 - 2.99						56	126	47	6	1	236
3.00 - 3.49							10	56	10	1	77
3.50 - 3.99								6	1	1	17
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	1560	2879	2311	1168	4746	4892	1919	358	300	5074	

AVERAGE HS(M) = 0.66 LARGEST HS(M) = 4.24 ANGLE CLASS % = 25.2

STATION 13 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	758	966	6		1836	681	272	37	63	90	4669
0.50 - 0.99		521	1158	326	142	710	539	58	25	1	3168
1.00 - 1.49			75	444	333	448	135	49	25		1809
1.50 - 1.99				5	116	309	116	42	1		1089
2.00 - 2.49					18	75	47	29	6		175
2.50 - 2.99						1	11	10	1		23
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	758	1487	1239	775	2445	2224	780	225	109	91	

AVERAGE HS(M) = 0.66 LARGEST HS(M) = 2.91 ANGLE CLASS % = 10.2

STATION 13 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	946	1712	1409	1214	624	525					6430
0.50 - 0.99		63	540	420	208	142					1373
1.00 - 1.49			3	8	11						22
1.50 - 1.99											0
2.00 - 2.49											0
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	946	1775	1952	1642	844	667	0	0	0	0	

AVERAGE HS(M) = 0.28 LARGEST HS(M) = 1.56 ANGLE CLASS % = 7.8

MEAN HS(METRES) BY MONTH AND YEAR

STATION 13

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.6	0.4	0.4	0.6	0.4	0.5	0.4	0.2	0.2	0.3	0.5	0.4	0.4
1957	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.4	0.3	0.6	0.7	0.4
1958	0.5	0.3	0.3	0.5	0.4	0.3	0.3	0.4	0.3	0.3	0.4	0.2	0.4
1959	0.4	0.4	0.4	0.5	0.2	0.3	0.4	0.2	0.2	0.5	0.6	0.4	0.4
1960	0.2	0.5	0.3	0.6	0.3	0.4	0.3	0.3	0.3	0.3	0.5	0.3	0.4
1961	0.3	0.4	0.3	0.4	0.4	0.6	0.3	0.2	0.5	0.3	0.2	0.4	0.4
1962	0.5	0.4	0.3	0.6	0.2	0.4	0.3	0.3	0.3	0.4	0.4	0.6	0.4
1963	0.4	0.3	0.6	0.3	0.6	0.3	0.3	0.3	0.3	0.3	0.7	0.3	0.4
1964	0.5	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.6	0.4
1965	0.4	0.5	0.2	0.4	0.3	0.3	0.5	0.3	0.2	0.4	0.5	0.3	0.4
1966	0.3	0.3	0.4	0.2	0.4	0.4	0.4	0.3	0.4	0.3	0.5	0.4	0.4
1967	0.5	0.5	0.3	0.3	0.6	0.7	0.6	0.6	0.5	0.6	0.4	0.4	0.5
1968	0.3	0.3	0.5	0.5	0.3	0.4	0.2	0.2	0.2	0.3	0.4	0.5	0.3
1969	0.4	0.6	0.4	0.6	0.6	0.3	0.4	0.3	0.3	0.2	0.6	0.6	0.4
1970	0.2	0.7	0.3	0.4	0.5	0.5	0.6	0.4	0.3	0.3	0.5	0.4	0.4
1971	0.3	0.6	0.5	0.3	0.5	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.4
1972	0.5	0.9	1.1	0.6	0.7	0.7	0.5	0.6	0.3	0.5	0.4	0.4	0.6
1973	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.4	0.5	1.1	0.5
1974	0.5	0.4	1.2	1.1	0.4	0.4	0.4	0.3	0.4	0.3	0.5	0.4	0.5
1975	0.5	0.3	0.4	0.4	0.2	0.4	0.5	0.1	0.3	0.2	0.6	0.8	0.4
MEAN	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 13

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.8	2.5	2.0	3.1	1.3	1.4	1.9	0.7	1.3	1.9	2.8	2.5
1957	1.7	1.6	2.4	3.0	1.2	1.8	1.0	0.8	2.0	1.4	2.4	2.8
1958	2.7	3.3	2.6	2.0	1.3	1.3	1.0	1.6	1.1	1.4	2.3	1.1
1959	2.7	2.2	3.3	2.3	1.0	1.1	2.2	0.9	0.8	3.4	2.8	2.7
1960	2.3	3.0	2.1	2.7	1.1	1.3	2.0	1.0	2.4	1.7	2.1	2.6
1961	2.7	3.1	2.4	1.6	2.9	1.5	1.4	1.0	3.2	1.0	1.5	2.4
1962	2.6	2.0	2.1	2.4	1.4	1.0	1.0	1.5	1.8	1.9	2.3	3.2
1963	2.8	2.1	2.4	1.5	2.5	1.2	1.0	2.4	2.2	1.1	3.5	2.7
1964	2.8	2.1	2.1	2.0	1.2	1.5	1.1	2.1	1.3	1.1	2.9	2.3
1965	2.4	3.6	1.3	2.1	1.4	1.0	1.0	0.7	1.2	2.0	2.1	1.9
1966	3.4	2.3	2.2	0.9	1.6	1.8	1.8	1.0	2.0	1.7	2.4	3.8
1967	2.7	2.2	1.5	2.0	2.7	1.1	1.1	2.0	1.4	1.9	1.4	2.6
1968	1.8	2.3	2.5	2.3	2.2	2.3	1.0	0.8	1.5	1.3	3.0	2.5
1969	2.6	1.9	2.4	2.5	2.4	1.0	1.4	1.3	1.3	1.1	2.1	3.3
1970	2.2	3.8	2.4	2.3	2.1	1.7	1.9	1.0	1.5	2.0	2.3	3.3
1971	2.9	2.5	3.9	2.5	1.7	1.0	1.5	1.3	0.8	1.9	1.8	2.5
1972	1.8	4.2	2.8	1.5	2.0	2.4	1.2	1.3	2.4	2.0	2.5	1.8
1973	3.0	2.6	2.7	2.2	2.0	1.5	1.7	1.0	1.3	2.9	2.7	4.4
1974	2.5	2.6	3.1	2.3	2.2	2.1	1.2	1.7	2.1	2.1	2.4	3.1
1975	2.6	2.7	3.2	2.8	1.3	2.1	1.6	0.9	2.3	1.0	2.3	3.3

LARGEST HS(METRES) FOR STATION 13 = 4.4

MEAN HS(METRES) BY MONTH AND YEAR

STATION 14

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.5	0.5	0.6	0.4	0.4	0.4	0.2	0.3	0.4	0.5	0.5	0.5
1957	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.2	0.4	0.3	0.6	0.7	0.4
1958	0.7	0.4	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4
1959	0.4	0.4	0.4	0.5	0.2	0.3	0.4	0.2	0.2	0.6	0.7	0.5	0.4
1960	0.2	0.6	0.3	0.5	0.3	0.4	0.3	0.2	0.3	0.4	0.5	0.3	0.4
1961	0.4	0.4	0.4	0.4	0.5	0.6	0.3	0.2	0.6	0.5	0.3	0.4	0.4
1962	0.5	0.5	0.4	0.6	0.3	0.4	0.3	0.3	0.4	0.5	0.5	0.7	0.4
1963	0.4	0.3	0.6	0.3	0.6	0.3	0.3	0.3	0.4	0.3	0.8	0.3	0.4
1964	0.6	0.4	0.5	0.5	0.4	0.3	0.3	0.4	0.5	0.4	0.4	0.6	0.4
1965	0.5	0.5	0.2	0.4	0.3	0.3	0.5	0.3	0.2	0.4	0.5	0.4	0.4
1966	0.4	0.3	0.4	0.2	0.4	0.4	0.4	0.3	0.4	0.3	0.6	0.5	0.4
1967	0.5	0.5	0.4	0.4	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.5
1968	0.4	0.3	0.5	0.5	0.4	0.4	0.2	0.2	0.3	0.3	0.5	0.5	0.4
1969	0.4	1.0	0.5	0.6	0.5	0.3	0.4	0.3	0.3	0.3	0.7	0.8	0.5
1970	0.2	0.7	0.3	0.4	0.5	0.5	0.6	0.4	0.3	0.4	0.6	0.5	0.4
1971	0.3	0.7	0.5	0.3	0.5	0.3	0.4	0.3	0.3	0.5	0.4	0.4	0.4
1972	0.5	0.9	1.0	0.6	0.7	0.7	0.5	0.5	0.4	0.5	0.5	0.6	0.6
1973	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.3	0.3	0.5	0.5	1.1	0.5
1974	0.5	0.4	1.1	1.0	0.4	0.4	0.4	0.3	0.4	0.3	0.5	0.5	0.5
1975	0.6	0.3	0.5	0.4	0.3	0.4	0.5	0.2	0.3	0.3	0.6	0.9	0.4
MEAN	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 14

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.3	2.4	2.1	2.9	1.2	1.4	1.7	0.9	2.2	1.8	2.6	2.4	
1957	2.1	1.6	2.6	2.7	1.2	1.7	1.9	0.8	1.9	1.4	2.2	2.7	
1958	2.9	3.2	3.4	2.1	1.5	1.2	1.0	1.5	1.1	2.1	2.2	1.6	
1959	2.4	2.0	3.2	2.3	1.0	1.1	2.2	1.1	0.8	3.5	2.7	2.6	
1960	2.1	3.1	2.3	2.4	1.3	1.4	1.8	1.0	2.4	1.9	2.2	2.6	
1961	2.6	2.7	3.0	1.8	2.9	1.4	1.3	0.9	3.0	1.7	2.3	2.4	
1962	2.5	2.2	2.4	2.3	1.4	0.9	1.6	1.4	2.1	2.5	2.4	3.4	
1963	2.7	2.0	2.4	1.5	2.5	1.2	1.0	2.2	2.4	1.8	3.4	2.7	
1964	3.0	2.4	1.9	1.8	1.1	1.3	1.1	2.0	1.4	1.3	2.8	2.2	
1965	2.3	3.7	1.3	2.0	1.4	1.1	1.0	0.7	1.2	2.0	2.0	2.2	
1966	3.2	2.5	2.2	1.0	1.5	1.7	1.6	1.0	2.1	1.8	2.8	3.3	
1967	3.3	2.3	1.8	2.1	2.4	1.8	1.0	1.8	1.5	1.5	1.5	2.7	
1968	2.2	2.1	2.5	2.4	2.3	2.4	0.9	0.8	1.5	1.6	3.3	2.5	
1969	2.6	2.7	2.4	2.9	2.2	1.1	1.4	1.2	1.3	0.9	2.3	4.0	
1970	1.9	3.5	2.4	2.2	2.0	1.5	1.8	1.8	1.4	2.2	2.3	3.3	
1971	2.5	2.8	3.7	2.6	1.7	0.9	1.4	1.4	1.0	2.1	3.0	2.2	
1972	1.7	3.6	3.2	1.4	2.0	2.6	1.1	1.3	2.8	2.1	2.9	3.1	
1973	3.0	2.5	2.3	2.9	1.8	1.6	1.5	1.0	1.3	3.3	2.5	4.0	
1974	2.3	2.5	2.9	2.2	2.2	2.1	1.1	1.4	1.9	2.0	2.3	3.0	
1975	2.7	2.5	3.3	3.0	1.4	2.0	1.4	0.9	2.2	1.8	2.3	3.3	

LARGEST HS(METRES) FOR STATION 14 = 4.0

STATION 15 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	751	744	1009	528	1199	479	99	10	49	373	3704
0.50-0.99	.	622	143	528	183	479	104	11	17	251	1500
1.00-1.49	.	.	.	27	268	217	87	13	17	356	1000
1.50-1.99	.	.	.	.	44	312	32	6	20	50	500
2.00-2.49	.	.	.	.	.	342	113	10	3	6	250
2.50-2.99	.	.	.	.	.	63	107	47	3	3	250
3.00-3.49	.	.	.	.	.	.	18	53	8	.	160
3.50-3.99	.	.	.	.	.	.	.	8	.	.	000
4.00-4.49	.	.	.	.	.	.	.	.	.	.	000
4.50-4.99	.	.	.	.	.	.	.	.	.	.	000
5.00- GREATER	751	1366	1152	613	1739	1812	559	158	183	710	0
TOTAL	751	1366	1152	613	1739	1812	559	158	183	710	0

AVERAGE HS(M) = 0.84 LARGEST HS(M) = 3.99 ANGLE CLASS % = 9.1

STATION 15 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	528	693	5	773	609	25	1	.	.	.	2634
0.50-0.99	.	367	956	280	142	564	109	3	.	.	2421
1.00-1.49	.	.	66	475	318	532	162	5	.	.	1558
1.50-1.99	.	.	.	15	150	448	150	25	.	.	788
2.00-2.49	.	.	.	.	27	140	75	47	5	.	244
2.50-2.99	.	.	.	.	.	15	18	25	17	.	75
3.00-3.49	.	.	.	.	.	.	.	1	.	.	000
3.50-3.99	.	.	.	.	.	.	.	.	.	.	000
4.00-4.49	.	.	.	.	.	.	.	.	.	.	000
4.50-4.99	.	.	.	.	.	.	.	.	.	.	000
5.00- GREATER	528	1060	1027	770	1410	2308	539	107	22	0	0
TOTAL	528	1060	1027	770	1410	2308	539	107	22	0	0

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 3.15 ANGLE CLASS % = 7.8

STATION 15 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	987	1856	1652	2510	975	92	.	.	.	.	8072
0.50-0.99	.	59	580	564	169	54	.	.	.	.	1426
1.00-1.49	.	.	3	17	22	1	.	.	.	.	43
1.50-1.99	.	.	.	.	.	.	.	.	.	.	000
2.00-2.49	.	.	.	.	.	.	.	.	.	.	000
2.50-2.99	.	.	.	.	.	.	.	.	.	.	000
3.00-3.49	.	.	.	.	.	.	.	.	.	.	000
3.50-3.99	.	.	.	.	.	.	.	.	.	.	000
4.00-4.49	.	.	.	.	.	.	.	.	.	.	000
4.50-4.99	.	.	.	.	.	.	.	.	.	.	000
5.00- GREATER	987	1915	2235	3091	1166	147	0	0	0	0	0
TOTAL	987	1915	2235	3091	1166	147	0	0	0	0	0

AVERAGE HS(M) = 0.25 LARGEST HS(M) = 1.40 ANGLE CLASS % = 9.5

AD-A129 642

ATLANTIC COAST HINDCAST SHALLOW-WATER SIGNIFICANT WAVE
INFORMATION(U) ARMY ENGINEER WATERWAYS EXPERIMENT
STATION VICKSBURG MS HYDRAULICS LAB R E JENSEN JAN 83

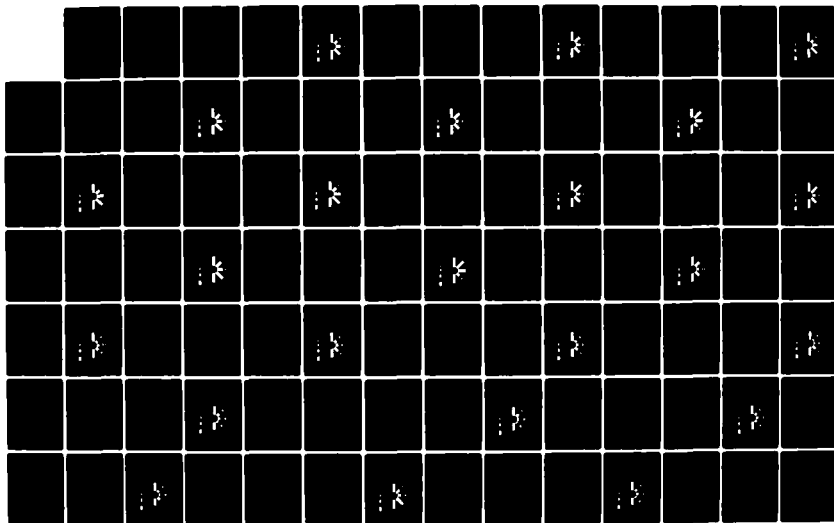
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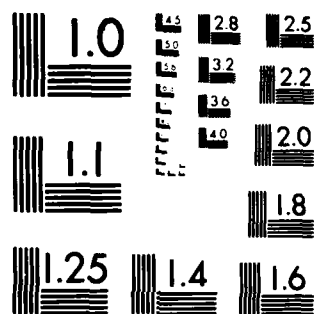
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

MEAN HS(METRES) BY MONTH AND YEAR

STATION 15

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	1.0	0.5	0.6	0.6	0.4	0.5	0.4	0.2	0.3	0.4	0.5	0.5	0.5
1957	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.4	0.3	0.6	0.8	0.4
1958	0.7	0.4	0.5	0.7	0.4	0.3	0.3	0.4	0.3	0.5	0.4	0.3	0.4
1959	0.4	0.5	0.5	0.5	0.2	0.3	0.4	0.2	0.2	0.6	0.7	0.5	0.4
1960	0.2	0.6	0.4	0.6	0.4	0.4	0.3	0.3	0.4	0.4	0.6	0.4	0.4
1961	0.4	0.4	0.5	0.5	0.5	0.6	0.3	0.2	0.6	0.5	0.3	0.4	0.4
1962	0.6	0.6	0.4	0.6	0.3	0.4	0.3	0.4	0.4	0.5	0.5	0.7	0.5
1963	0.5	0.3	0.6	0.3	0.6	0.3	0.3	0.3	0.5	0.3	0.8	0.3	0.4
1964	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.4	0.5	0.4	0.5	0.7	0.5
1965	0.5	0.5	0.3	0.4	0.3	0.3	0.5	0.3	0.3	0.4	0.6	0.4	0.4
1966	0.5	0.3	0.4	0.3	0.4	0.4	0.4	0.3	0.5	0.3	0.6	0.5	0.4
1967	0.6	0.6	0.5	0.5	0.7	0.7	0.6	0.6	0.5	0.6	0.4	0.5	0.6
1968	0.4	0.4	0.6	0.5	0.4	0.4	0.2	0.2	0.3	0.3	0.5	0.5	0.4
1969	0.5	1.0	0.6	0.6	0.6	0.3	0.4	0.3	0.3	0.3	0.7	0.8	0.5
1970	0.2	0.7	0.4	0.4	0.6	0.5	0.6	0.4	0.3	0.4	0.6	0.6	0.5
1971	0.4	0.7	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.5	0.4	0.4	0.4
1972	0.5	1.0	1.1	0.6	0.7	0.7	0.5	0.5	0.4	0.5	0.6	0.6	0.7
1973	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.4	0.5	0.5	1.2	0.6
1974	0.5	0.5	1.2	1.1	0.4	0.4	0.4	0.3	0.4	0.3	0.6	0.5	0.6
1975	0.7	0.4	0.5	0.5	0.3	0.4	0.5	0.2	0.3	0.3	0.7	1.0	0.5
MEAN	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 15

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.0	2.4	2.1	3.1	1.2	1.4	1.9	0.8	2.2	1.9	2.7	2.5	
1957	2.2	1.6	2.6	3.0	1.3	1.8	1.0	0.8	2.0	1.4	2.3	2.9	
1958	2.8	3.3	3.3	2.1	1.4	1.3	1.0	1.6	1.1	2.0	2.3	1.6	
1959	2.6	2.2	3.2	2.3	1.0	1.1	2.2	1.1	0.8	3.5	2.8	2.7	
1960	2.3	3.2	2.3	2.7	1.3	1.4	1.9	1.1	2.5	1.7	2.2	2.6	
1961	2.7	3.0	2.9	1.8	2.9	1.5	1.4	1.1	3.2	1.7	2.3	2.4	
1962	2.5	2.2	2.3	2.4	1.4	1.0	1.0	1.4	1.9	2.5	2.3	3.3	
1963	2.8	2.1	2.4	1.6	2.5	1.2	1.1	2.4	2.3	1.8	3.6	2.7	
1964	2.9	2.4	2.2	2.0	1.2	1.4	1.1	2.1	1.4	1.4	2.9	2.3	
1965	2.4	3.7	1.3	2.1	1.5	1.2	1.0	0.7	1.2	2.0	2.1	2.1	
1966	3.4	2.4	2.3	1.0	1.5	1.9	1.7	1.0	2.2	1.9	2.8	3.6	
1967	3.3	2.3	1.9	2.1	2.7	1.7	1.1	1.9	1.4	1.8	1.5	2.7	
1968	2.1	2.3	2.6	2.5	2.3	2.4	1.1	0.8	1.5	1.5	3.3	2.5	
1969	2.7	2.5	2.4	2.9	2.3	1.1	1.5	1.3	1.4	1.1	2.3	4.0	
1970	2.1	3.8	2.4	2.3	2.2	1.6	1.9	1.6	1.5	2.1	2.3	3.1	
1971	2.8	2.7	3.7	2.6	1.7	1.0	1.5	1.4	1.0	2.1	2.7	2.4	
1972	1.8	4.2	3.2	1.5	2.0	2.5	1.2	1.3	2.8	2.0	2.8	2.9	
1973	3.1	2.6	2.5	2.8	2.0	1.6	1.8	1.0	1.3	3.3	2.6	4.4	
1974	2.4	2.6	3.0	2.2	2.2	2.1	1.2	1.7	2.3	2.0	2.4	3.2	
1975	2.7	2.7	3.4	3.0	1.6	2.2	1.5	0.9	2.3	1.8	2.4	3.5	

LARGEST HS(METRES) FOR STATION 15 = 4.4

MEAN HS(METRES) BY MONTH AND YEAR

STATION 16

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.5	0.4	0.6	0.2	0.2	0.3	0.1	0.3	0.4	0.5	0.6	0.4
1957	0.3	0.2	0.6	0.3	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.7	0.3
1958	0.9	0.4	0.8	0.7	0.4	0.6	0.3	0.3	0.2	0.5	0.4	0.2	0.5
1959	0.3	0.3	0.4	0.4	0.1	0.2	0.2	0.2	0.2	0.7	1.3	0.5	0.4
1960	0.2	0.6	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.3	0.3
1961	0.4	0.3	0.5	0.4	0.4	0.2	0.2	0.1	0.6	0.8	0.4	0.3	0.4
1962	0.4	0.6	0.5	0.5	0.2	0.2	0.1	0.3	0.3	0.4	0.5	0.5	0.4
1963	0.3	0.3	0.5	0.2	0.6	0.2	0.2	0.2	0.7	0.2	0.8	0.2	0.4
1964	0.5	0.4	0.4	0.3	0.2	0.2	0.2	0.3	0.4	0.2	0.3	0.5	0.3
1965	0.4	0.4	0.2	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.4	0.4	0.3
1966	0.4	0.2	0.4	0.2	0.3	0.4	0.2	0.1	0.5	0.2	1.0	0.4	0.4
1967	0.4	0.5	0.3	0.4	0.4	0.3	0.2	0.2	0.2	0.3	0.3	0.5	0.3
1968	0.4	0.4	0.6	0.4	0.3	0.5	0.5	0.4	0.3	0.2	0.5	0.4	0.4
1969	0.5	0.9	0.5	0.5	0.5	0.3	0.6	0.2	0.3	0.2	0.8	0.8	0.5
1970	0.1	0.6	0.3	0.3	0.6	0.5	0.3	0.5	0.2	0.4	0.5	0.5	0.4
1971	0.2	0.6	0.4	0.2	0.3	0.4	0.2	0.2	0.3	0.5	0.4	0.4	0.3
1972	0.3	0.9	0.9	0.2	0.6	0.6	0.3	0.2	0.5	0.5	0.6	0.6	0.5
1973	0.4	0.5	0.6	0.6	0.7	0.4	0.3	0.3	0.2	0.4	0.4	0.8	0.5
1974	0.4	0.4	0.6	0.5	0.3	0.4	0.1	0.2	0.4	0.2	0.4	0.6	0.4
1975	0.6	0.3	0.5	0.3	0.2	0.4	0.3	0.1	0.2	0.3	0.4	0.9	0.4
MEAN	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 16

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.2	2.1	1.9	2.6	1.1	1.3	1.3	0.8	2.0	1.4	2.3	2.2	
1957	2.2	1.6	2.3	2.4	1.0	1.6	0.8	0.8	1.0	1.7	2.0	2.6	
1958	2.7	3.2	3.3	2.0	1.2	1.2	1.0	1.5	0.8	2.0	2.1	1.6	
1959	2.2	1.9	3.3	2.1	0.9	0.9	1.5	0.8	0.6	3.5	2.6	2.4	
1960	1.8	3.5	2.3	1.8	1.3	1.4	1.2	0.8	2.4	1.6	2.2	2.5	
1961	2.3	2.3	2.9	2.0	2.7	1.0	1.0	0.7	2.7	1.8	1.8	2.7	
1962	2.4	2.0	2.5	2.1	1.3	0.6	0.9	1.0	2.1	2.4	2.4	3.4	
1963	2.5	2.1	2.2	1.5	2.2	0.8	0.8	2.0	2.0	1.3	3.2	2.5	
1964	2.7	2.3	1.7	1.7	0.8	1.0	1.0	2.1	1.5	1.1	2.8	2.1	
1965	2.4	3.7	1.4	1.9	1.3	1.2	0.8	0.8	1.2	1.9	1.9	2.3	
1966	3.0	2.2	2.2	1.0	1.3	1.3	1.1	0.7	2.0	1.8	2.8	2.6	
1967	3.3	2.5	1.6	2.1	2.0	1.4	0.8	1.0	1.3	1.4	1.6	2.7	
1968	2.1	2.1	2.5	2.3	2.1	2.1	1.0	0.9	1.4	1.5	3.3	2.4	
1969	2.3	2.5	2.4	2.5	2.0	0.9	1.5	1.0	1.3	0.8	2.4	3.9	
1970	1.6	2.8	2.4	2.2	1.8	1.4	1.2	1.3	1.0	2.0	2.1	2.8	
1971	2.2	2.3	3.7	2.4	1.3	0.8	1.1	1.4	1.0	2.4	2.4	2.1	
1972	1.6	3.8	2.6	1.3	2.1	2.5	1.3	1.0	2.5	2.3	2.7	2.8	
1973	2.5	2.5	2.1	3.0	1.9	1.6	1.4	1.1	1.1	3.4	2.3	3.6	
1974	2.3	2.4	2.8	1.9	2.4	1.7	0.7	0.9	1.9	1.2	2.3	3.0	
1975	2.5	2.4	3.0	3.0	1.0	2.0	0.9	0.9	1.3	1.8	2.2	3.4	

LARGEST HS(METRES) FOR STATION 16 = 3.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 17

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.1	0.5	0.5	0.6	0.2	0.2	0.2	0.1	0.2	0.5	0.4	0.6	0.4
1957	0.3	0.2	0.7	0.3	0.1	0.1	0.1	0.2	0.2	0.4	0.6	0.6	0.3
1958	0.9	0.4	0.9	0.7	0.3	0.6	0.2	0.2	0.1	0.5	0.3	0.3	0.5
1959	0.3	0.3	0.4	0.4	0.1	0.2	0.2	0.2	0.2	0.7	1.2	0.5	0.4
1960	0.2	0.6	0.4	0.3	0.3	0.3	0.1	0.1	0.2	0.4	0.3	0.3	0.3
1961	0.4	0.4	0.6	0.4	0.4	0.2	0.1	0.1	0.6	0.8	0.4	0.3	0.4
1962	0.4	0.7	0.6	0.5	0.2	0.1	0.1	0.3	0.3	0.4	0.6	0.5	0.4
1963	0.3	0.3	0.5	0.2	0.5	0.2	0.1	0.1	0.7	0.2	0.7	0.3	0.3
1964	0.5	0.4	0.4	0.3	0.1	0.1	0.2	0.3	0.4	0.3	0.3	0.5	0.3
1965	0.4	0.4	0.3	0.4	0.1	0.3	0.2	0.1	0.2	0.2	0.4	0.4	0.3
1966	0.5	0.2	0.4	0.2	0.2	0.3	0.2	0.1	0.5	0.2	1.0	0.5	0.3
1967	0.4	0.5	0.4	0.5	0.5	0.3	0.1	0.1	0.2	0.2	0.2	0.5	0.3
1968	0.4	0.4	0.6	0.4	0.3	0.5	0.5	0.4	0.3	0.2	0.6	0.3	0.4
1969	0.5	1.2	0.5	0.5	0.4	0.3	0.6	0.2	0.3	0.2	0.8	0.8	0.5
1970	0.1	0.5	0.3	0.3	0.5	0.4	0.2	0.5	0.2	0.4	0.6	0.6	0.4
1971	0.2	0.6	0.4	0.2	0.3	0.3	0.1	0.2	0.2	0.5	0.4	0.4	0.3
1972	0.2	0.9	0.9	0.3	0.6	0.6	0.3	0.2	0.5	0.5	0.6	0.6	0.5
1973	0.3	0.6	0.6	0.6	0.7	0.3	0.2	0.3	0.2	0.4	0.3	0.7	0.4
1974	0.4	0.5	0.5	0.4	0.3	0.3	0.1	0.2	0.4	0.1	0.4	0.6	0.4
1975	0.6	0.3	0.5	0.3	0.2	0.4	0.2	0.1	0.2	0.3	0.4	0.9	0.4
MEAN	0.4	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 17

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.2	2.1	2.5	2.7	0.9	1.3	1.1	1.1	2.5	1.6	2.1	2.6
1957	2.3	1.4	2.7	2.1	1.2	1.1	0.5	0.8	0.8	1.9	2.3	2.6
1958	3.0	3.2	3.4	2.3	1.3	1.1	0.9	1.2	0.9	2.3	1.8	2.1
1959	2.1	1.7	3.3	1.9	0.6	0.7	1.6	0.9	0.7	3.5	2.4	2.9
1960	1.6	3.2	2.7	1.6	1.3	1.4	1.0	0.8	2.4	2.1	2.1	2.5
1961	2.8	2.8	2.9	1.9	2.7	0.8	0.7	0.6	2.7	2.6	2.3	2.0
1962	2.2	2.8	3.0	2.4	1.1	0.6	0.8	1.4	2.4	2.6	2.6	3.6
1963	2.3	1.9	2.2	1.2	2.1	0.8	0.6	1.7	2.1	1.7	3.5	2.2
1964	2.9	2.3	1.8	1.2	0.7	0.6	0.8	1.9	1.6	1.2	2.6	1.3
1965	2.5	3.4	1.4	1.8	1.2	1.3	0.6	0.7	1.0	1.9	1.7	2.3
1966	2.9	2.3	2.2	1.0	1.4	1.1	1.1	0.7	1.9	1.7	2.7	3.2
1967	3.3	2.5	2.0	2.3	2.3	1.7	0.6	1.1	1.5	1.1	1.6	2.7
1968	2.2	2.1	3.0	2.3	2.0	2.1	0.8	0.8	1.2	1.6	3.3	2.4
1969	2.1	3.5	2.9	2.7	1.5	0.9	1.4	0.8	1.2	1.2	2.4	3.9
1970	1.0	2.8	2.3	2.0	1.5	1.1	0.8	1.4	0.7	2.0	2.0	3.6
1971	1.9	2.3	3.4	2.6	1.4	0.9	0.8	1.5	1.1	2.5	3.0	2.5
1972	1.2	3.9	2.5	1.3	1.9	2.6	1.1	1.0	3.1	2.3	3.1	3.1
1973	2.9	2.4	2.0	3.4	1.5	1.5	1.0	0.9	0.9	3.4	1.8	3.5
1974	2.1	2.4	2.8	2.0	2.3	1.6	0.6	0.9	1.4	0.8	2.2	3.2
1975	2.6	2.1	2.8	3.0	1.4	1.8	1.0	1.0	1.3	2.0	2.3	4.1

LARGEST HS(METRES) FOR STATION 17 = 4.2

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.16 LARGEST HS(M) = 1.17 ANGLE CLASS % = 14.7

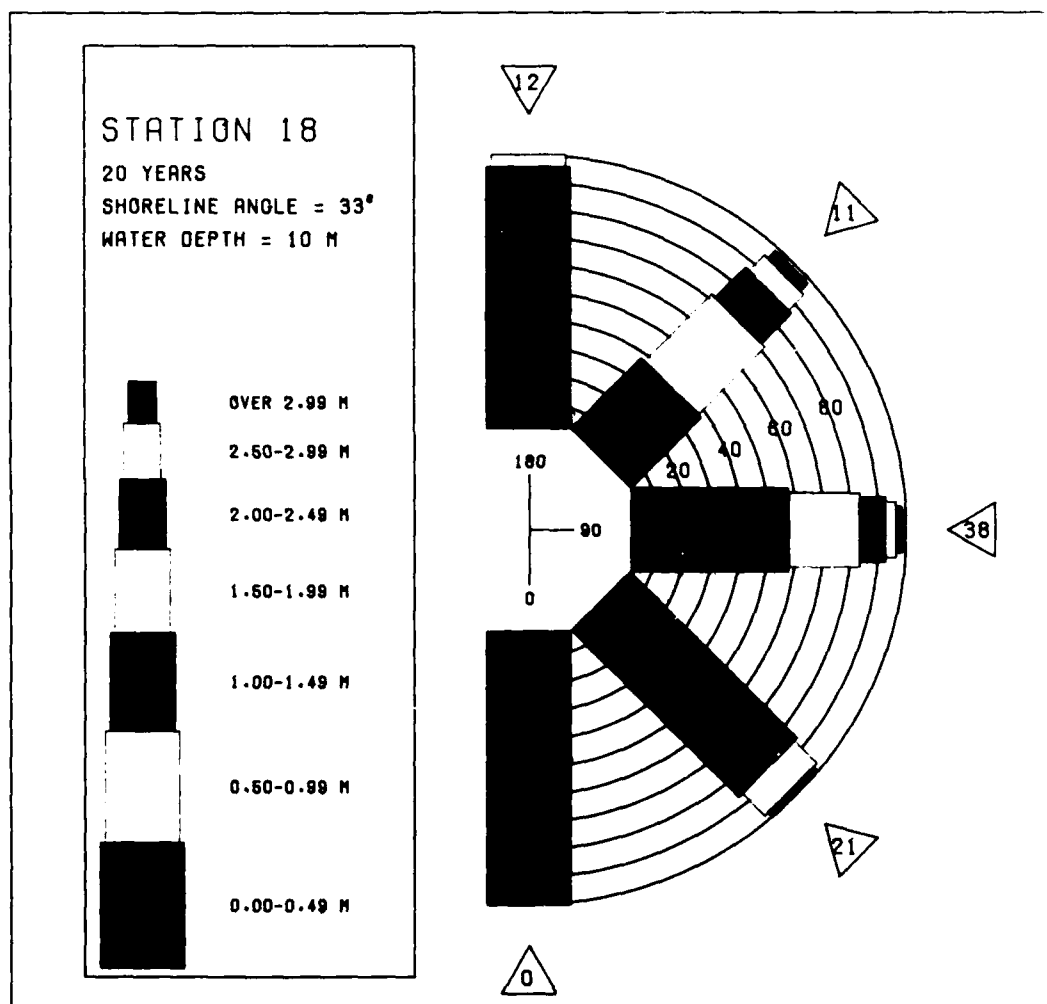
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.53 LARGEST HS(M) = 3.80 ANGLE CLASS % = 36.5

STATION 18 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 33.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49					1011	549	152	10	92	574	3860
0.5-0.99	817	655	888	59	41	254	131	32	18	231	3263
1.0-1.49		521	126	528	106	306	172	15	8	25	1330
1.5-1.99				37	244	244	157	9		30	718
2.0-2.49					65	338	147	11	1	11	543
2.5-2.99						80	145	49	17	6	381
3.0-3.49							30	5	22		107
3.5-3.99											27
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
10.0-10.49											0
10.5-10.99											0
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86.0-86.49											0
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87.0-87.49											0
87.5-87.99											0</

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL		
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-109			
0.00	-	0.49	798	1148	654	574	862	631	405	35	24	104	5525
0.50	-	0.99		121	424	325	87	477	255	12	12	16	1649
1.00	-	1.49			24	159	77	152	94	41	8	11	566
1.50	-	1.99				8	71	85	48	11	7	1	388
2.00	-	2.49					13	68	36	7	2	1	127
2.50	-	2.99						11	3	9	2	1	41
3.00	-	3.49							3	1	2	1	14
3.50	-	3.99								2	2	1	8
4.00	-	4.49											0
4.50	-	4.99											0
5.00	-	GREATER											0
TOTAL			798	1269	1102	966	1110	1634	954	119	51	155	
AVE HS(M) = 0.39 LARGEST HS(M) = 3.94 TOTAL CASES = 58440													



MEAN HS(METRES) BY MONTH AND YEAR

STATION 18

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.1	0.5	0.5	0.6	0.2	0.2	0.2	0.1	0.3	0.5	0.4	0.6	0.4
1957	0.3	0.3	0.7	0.3	0.2	0.1	0.1	0.2	0.2	0.5	0.6	0.6	0.3
1958	0.9	0.5	0.9	0.7	0.3	0.6	0.2	0.2	0.2	0.5	0.3	0.3	0.5
1959	0.3	0.3	0.4	0.4	0.1	0.2	0.2	0.2	0.2	0.7	1.3	0.5	0.4
1960	0.2	0.6	0.4	0.4	0.3	0.3	0.1	0.1	0.2	0.3	0.3	0.3	0.3
1961	0.4	0.4	0.6	0.4	0.4	0.2	0.1	0.1	0.7	0.8	0.4	0.3	0.4
1962	0.4	0.7	0.6	0.5	0.2	0.1	0.1	0.3	0.3	0.4	0.6	0.5	0.4
1963	0.3	0.3	0.5	0.2	0.6	0.2	0.1	0.1	0.7	0.2	0.7	0.3	0.4
1964	0.5	0.4	0.4	0.3	0.1	0.1	0.2	0.3	0.4	0.3	0.3	0.5	0.3
1965	0.4	0.4	0.3	0.4	0.1	0.3	0.2	0.1	0.2	0.2	0.4	0.4	0.3
1966	0.5	0.3	0.4	0.2	0.2	0.3	0.2	0.1	0.5	0.2	1.0	0.5	0.4
1967	0.4	0.5	0.4	0.5	0.5	0.3	0.1	0.1	0.3	0.3	0.3	0.5	0.3
1968	0.5	0.4	0.6	0.4	0.3	0.5	0.5	0.4	0.3	0.2	0.6	0.4	0.4
1969	0.5	1.2	0.5	0.5	0.4	0.3	0.6	0.2	0.3	0.2	0.8	0.8	0.5
1970	0.1	0.5	0.4	0.3	0.6	0.4	0.3	0.5	0.2	0.4	0.6	0.6	0.4
1971	0.2	0.6	0.4	0.2	0.3	0.3	0.1	0.2	0.2	0.5	0.4	0.4	0.3
1972	0.2	0.9	0.9	0.3	0.6	0.6	0.3	0.2	0.5	0.5	0.6	0.6	0.5
1973	0.4	0.6	0.6	0.6	0.7	0.3	0.2	0.3	0.2	0.4	0.3	0.7	0.4
1974	0.4	0.5	0.5	0.4	0.3	0.3	0.1	0.2	0.4	0.2	0.4	0.7	0.4
1975	0.6	0.3	0.5	0.3	0.2	0.4	0.2	0.1	0.2	0.4	0.4	0.9	0.4
MEAN	0.4	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 18

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.9	2.1	2.4	2.6	1.0	1.3	1.1	1.1	2.4	1.6	2.1	2.5
1957	2.3	1.4	2.6	2.2	1.2	1.1	0.6	0.8	0.8	1.3	2.3	2.6
1958	2.9	3.2	3.4	2.1	1.3	1.0	0.9	1.2	0.9	2.2	1.7	1.9
1959	2.1	1.7	3.4	1.9	0.6	0.8	1.6	1.0	0.7	3.5	2.3	2.9
1960	1.6	3.4	2.4	1.6	1.3	1.4	1.0	0.8	2.4	2.0	2.0	2.4
1961	2.6	2.6	2.9	2.0	2.7	0.3	0.7	0.6	2.7	2.4	2.2	1.7
1962	2.2	2.5	2.8	2.3	1.1	0.6	0.3	1.4	2.3	2.6	2.5	3.6
1963	2.3	1.9	2.2	1.3	2.1	0.8	0.6	1.7	2.1	1.7	3.5	2.3
1964	2.7	2.3	1.7	1.3	0.7	0.6	0.8	2.0	1.6	1.2	2.7	1.9
1965	2.5	3.5	1.4	1.7	1.2	1.3	0.6	0.7	1.0	1.9	1.7	2.3
1966	3.0	2.2	2.2	1.0	1.4	1.1	1.1	0.7	2.0	1.7	2.7	3.0
1967	3.3	2.5	1.9	2.2	2.2	1.7	0.6	1.1	1.5	1.1	1.6	2.7
1968	2.2	2.1	2.9	2.3	2.0	2.1	0.8	0.8	1.3	1.6	3.3	2.4
1969	2.2	3.3	2.8	2.6	1.6	0.9	1.4	0.8	1.0	1.2	2.4	3.9
1970	1.0	2.8	2.3	2.0	1.5	1.2	0.8	1.4	0.8	2.0	2.0	3.3
1971	1.9	2.3	3.4	2.5	1.4	0.9	0.3	1.5	1.1	2.4	2.7	2.4
1972	1.0	3.9	2.5	1.3	1.9	2.6	1.1	1.0	3.0	2.3	2.9	3.1
1973	2.8	2.4	2.0	3.3	1.6	1.6	1.0	0.9	0.9	3.4	1.9	3.6
1974	2.1	2.4	2.7	1.9	2.4	1.6	0.5	0.9	1.5	0.8	2.2	3.1
1975	2.6	2.2	2.9	3.0	1.4	1.8	1.0	1.0	1.3	2.0	2.1	3.8

LARGEST HS(METRES) FOR STATION 18 = 3.9

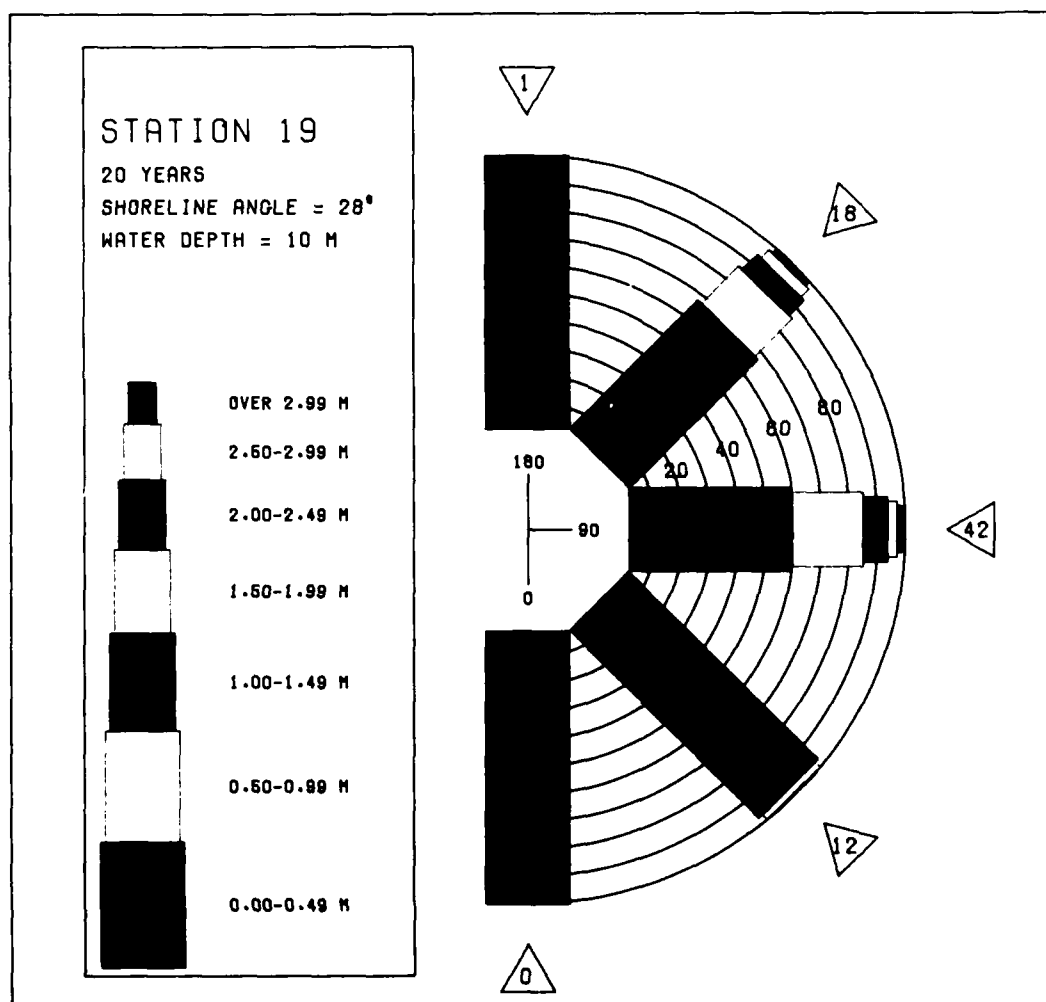
STATION 19 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 28.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	0
0.50-0.99	0
1.00-1.49	0
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
10.00-10.49	0
10.50-10.99	0
11.00-11.49	0
11.50-11.99	0
12.00-12.49	0
12.50-12.99	0
13.00-13.49	0
13.50-13.99	0
14.00-14.49	0
14.50-14.99	0
15.00-15.49	0
15.50-15.99	0
16.00-16.49	0
16.50-16.99	0
17.00-17.49	0
17.50-17.99	0
18.00-18.49	0
18.50-18.99	0
19.00-19.49	0
19.50-19.99	0
20.00-20.49	0
20.50-20.99	0
21.00-21.49	0
21.50-21.99	0
22.00-22.49	0
22.50-22.99	0
23.00-23.49	0
23.50-23.99	0
24.00-24.49	0
24.50-24.99	0
25.00-25.49	0
25.50-25.99	0
26.00-26.49	0
26.50-26.99	0
27.00-27.49	0
27.50-27.99	0
28.00-28.49	0
28.50-28.99	0
29.00-29.49	0
29.50-29.99	0
30.00-30.49	0
30.50-30.99	0
31.00-31.49	0
31.50-31.99	0
32.00-32.49	0
32.50-32.99	0
33.00-33.49	0
33.50-33.99	0
34.00-34.49	0
34.50-34.99	0
35.00-35.49	0
35.50-35.99	0
36.00-36.49	0
36.50-36.99	0
37.00-37.49	0
37.50-37.99	0
38.00-38.49	0
38.50-38.99	0
39.00-39.49	0
39.50-39.99	0
40.00-40.49	0
40.50-40.99	0
41.00-41.49	0
41.50-41.99	0
42.00-42.49	0
42.50-42.99	0
43.00-43.49	0
43.50-43.99	0
44.00-44.49	0
44.50-44.99	0
45.00-45.49	0
45.50-45.99	0
46.00-46.49	0
46.50-46.99	0
47.00-47.49	0
47.50-47.99	0
48.00-48.49	0
48.50-48.99	0
49.00-49.49	0
49.50-49.99	0
50.00-50.49	0
50.50-50.99	0
51.00-51.49	0
51.50-51.99	0
52.00-52.49	0
52.50-52.99	0
53.00-53.49	0
53.50-53.99	0
54.00-54.49	0
54.50-54.99	0
55.00-55.49	0
55.50-55.99	0
56.00-56.49	0
56.50-56.99	0
57.00-57.49	0
57.50-57.99	0
58.00-58.49	0
58.50-58.99	0
59.00-59.49	0
59.50-59.99	0
60.00-60.49	0
60.50-60.99	0
61.00-61.49	0
61.50-61.99	0
62.00-62.49	0
62.50-62.99	0
63.00-63.49	0
63.50-63.99	0
64.00-64.49	0
64.50-64.99	0
65.00-65.49	0
65.50-65.99	0
66.00-66.49	0
66.50-66.99	0
67.00-67.49	0
67.50-67.99	0
68.00-68.49	0
68.50-68.99	0
69.00-69.49	0
69.50-69.99	0
70.00-70.49	0
70.50-70.99	0
71.00-71.49	0
71.50-71.99	0
72.00-72.49	0
72.50-72.99	0
73.00-73.49	0
73.50-73.99	0
74.00-74.49	0
74.50-74.99	0
75.00-75.49	0
75.50-75.99	0
76.00-76.49	0
76.50-76.99	0
77.00-77.49	0
77.50-77.99	0
78.00-78.49	0
78.50-78.99	0
79.00-79.49	0
79.50-79.99	0
80.00-80.49	0
80.50-80.99	0
81.00-81.49	0
81.50-81.99	0
82.00-82.49	0
82.50-82.99	0
83.00-83.49	0
83.50-83.99	0
84.00-84.49	0
84.50-84.99	0
85.00-85.49	0
85.50-85.99	0
86.00-86.49	0
86.50-86.99	0
87.00-87.49	0
87.50-87.99	0
88.00-88.49	0
88.50-88.99	0
89.00-89.49</						

STATION 19 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 28.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	920	821	997	90	1059	650	169	10	107	621	4357
0.50-0.99	.	509	118	581	134	650	116	17	13	243	2677
1.00-1.49	.	.	.	34	134	354	150	18	6	65	1424
1.50-1.99	207	370	140	17	1	11	763
2.00-2.49	82	145	24	1	6	678
2.50-2.99	1	30	59	18	.	108
3.00-3.49	6	20	.	26
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
10.00-10.49	0
10.50-10.99	0
11.00-11.49	0
11.50-11.99	0
12.00-12.49	0
12.50-12.99	0
13.00-13.49	0
13.50-13.99	0
14.00-14.49	0
14.50-14.99	0
15.00-15.49	0
15.50-15.99	0
16.00-16.49	0
16.50-16.99	0
17.00-17.49	0
17.50-17.99	0
18.00-18.49	0
18.50-18.99	0
19.00-19.49	0
19.50-19.99	0
20.00-20.49	0
20.50-20.99	0
21.00-21.49	0
21.50-21.99	0
22.00-22.49	0
22.50-22.99	0
23.00-23.49	0
23.50-23.99	0
24.00-24.49	0
24.50-24.99	0
25.00-25.49	0
25.50-25.99	0
26.00-26.49	0
26.50-26.99	0
27.00-27.49	0
27.50-27.99	0
28.00-28.49	0
28.50-28.99	0
29.00-29.49	0
29.50-29.99	0
30.00-30.49	0
30.50-30.99	0
31.00-31.49	0
31.50-31.99	0
32.00-32.49	0
32.50-32.99	0
33.00-33.49	0
33.50-33.99	0
34.00-34.49	0
34.50-34.99	0
35.00-35.49	0
35.50-35.99	0
36.00-36.49	0
36.50-36.99	0
37.00-37.49	0
37.50-37.99	0
38.00-38.49	0
38.50-38.99	0
39.00-39.49	0
39.50-39.99	0
40.00-40.49	0
40.50-40.99	0
41.00-41.49	0
41.50-41.99	0
42.00-42.49	0
42.50-42.99	0
43.00-43.49	0
43.50-43.99	0
44.00-44.49	0
44.50-44.99	0
45.00-45.49	0
45.50-45.99	0
46.00-46.49	0
46.50-46.99	0
47.00-47.49	0
47.50-47.99	0
48.00-48.49	0
48.50-48.99	0
49.00-49.49	0
49.50-49.99	0
50.00-50.49	0
50.50-50.99	0
51.00-51.49	0
51.50-51.99	0
52.00-52.49	0
52.50-52.99	0
53.00-53.49	0
53.50-53.99	0
54.00-54.49	0
54.50-54.99	0
55.00-55.49	0
55.50-55.99	0
56.00-56.49	0
56.50-56.99	0
57.00-57.49	0
57.50-57.99	0
58.00-58.49	0
58.50-58.99	0
59.00-59.49	0
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60.00-60.49	0
60.50-60.99	0
61.00-61.49	0
61.50-61.99	0
62.00-62.49	0
62.50-62.99	0
63.00-63.49	0
63.50-63.99	0
64.00-64.49	0
64.50-64.99	0
65.00-65.49	0
65.50-65.99	0
66.00-66.49	0
66.50-66.99	0
67.00-67.49	0
67.50-67.99	0
68.00-68.49	0
68.50-68.99	0
69.00-69.49	0
69.50-69.99	0
70.00-70.49	0
70.50-70.99	0
71.00-71.49	0
71.50-71.99	0
72.00-72.49	0
72.50-72.99	0
73.00-73.49	0
73.50-73.99	0
74.00-74.49	0
74.50-74.99	0
75.00-75.49	0
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77.00-77.49	0
77.50-77.99	0
78.00-78.49	0
78.50-78.99	0
79.00-79.49	0
79.50-79.99	0
80.00-80.49	0
80.50-80.99	0
81.00-81.49	0
81.50-81.99	0
82.00-82.49	0
82.50-82.99	0
83.00-83.49	0
83.50-83.99	0
84.00-84.49	0
84.50-84.99	0
85.00-85.49	0
85.50-85.99	0
86.00-86.49	0
86.50-86.99</							

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.	-	0.49										4945
0.50	-	0.99	682	974	564	436	770	847	543	6	17	4945
1.00	-	1.49	82	82	318	167	68	456	256	12	12	1449
1.50	-	1.99	.	.	17	121	70	149	93	43	8	512
2.00	-	2.49	.	.	.	4	56	92	46	9	2	212
2.50	-	2.99	.	.	.	.	10	53	37	4	1	106
3.00	-	3.49	.	.	.	.	.	10	19	7	.	37
3.50	-	3.99	.	.	.	.	.	.	3	8	.	13
4.00	-	4.49	.	.	.	.	.	.	.	2	.	2
4.50	-	4.99	.	.	.	.	.	.	.	.	.	0
5.00	-	GREATER	.	.	.	.	.	.	.	.	.	0
TOTAL		682	1056	899	728	974	1647	997	89	45	159	0
AVE HS(M) = 0.34		LARGEST HS(M) = 3.94		TOTAL CASES =		58440						



MEAN HS(METRES) BY MONTH AND YEAR

STATION 19

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.1	0.5	0.5	0.6	0.1	0.1	0.2	0.1	0.2	0.4	0.4	0.5	0.4
1957	0.3	0.2	0.6	0.3	0.1	0.1	0.1	0.2	0.1	0.4	0.5	0.5	0.3
1958	0.9	0.4	0.9	0.7	0.3	0.6	0.2	0.2	0.1	0.5	0.3	0.3	0.4
1959	0.2	0.3	0.4	0.4	0.0	0.2	0.1	0.2	0.1	0.7	1.2	0.5	0.4
1960	0.2	0.6	0.3	0.3	0.3	0.2	0.1	0.1	0.2	0.3	0.3	0.3	0.3
1961	0.4	0.3	0.5	0.4	0.3	0.1	0.1	0.1	0.6	0.8	0.3	0.3	0.4
1962	0.3	0.6	0.5	0.4	0.2	0.1	0.1	0.2	0.3	0.4	0.5	0.5	0.3
1963	0.3	0.2	0.5	0.2	0.5	0.1	0.1	0.1	0.6	0.2	0.6	0.2	0.3
1964	0.4	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.2	0.3	0.4	0.3
1965	0.4	0.3	0.2	0.4	0.1	0.3	0.2	0.1	0.2	0.1	0.3	0.3	0.2
1966	0.5	0.2	0.3	0.1	0.2	0.3	0.1	0.1	0.5	0.1	1.0	0.4	0.3
1967	0.3	0.4	0.4	0.4	0.4	0.2	0.1	0.1	0.2	0.2	0.2	0.5	0.3
1968	0.4	0.3	0.5	0.3	0.3	0.5	0.5	0.4	0.3	0.2	0.5	0.3	0.4
1969	0.4	1.1	0.5	0.4	0.3	0.2	0.6	0.2	0.3	0.2	0.8	0.8	0.5
1970	0.1	0.5	0.3	0.3	0.5	0.4	0.2	0.5	0.1	0.4	0.5	0.6	0.4
1971	0.2	0.6	0.3	0.2	0.3	0.3	0.1	0.1	0.2	0.4	0.4	0.3	0.3
1972	0.2	0.9	0.8	0.2	0.6	0.6	0.3	0.2	0.5	0.5	0.6	0.6	0.5
1973	0.3	0.6	0.6	0.6	0.7	0.3	0.2	0.3	0.1	0.4	0.2	0.6	0.4
1974	0.3	0.4	0.4	0.4	0.2	0.3	0.1	0.1	0.4	0.1	0.4	0.6	0.3
1975	0.5	0.3	0.5	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.3	0.9	0.3
MEAN	0.4	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 19

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.9	2.1	2.4	2.6	0.8	1.2	1.0	0.9	2.4	1.5	2.1	2.6
1957	2.3	1.1	2.5	2.0	1.2	0.8	0.4	0.8	0.7	1.8	2.2	2.5
1958	2.9	3.2	3.4	2.1	1.2	0.9	0.8	1.1	0.8	2.2	1.6	1.9
1959	2.1	1.5	3.4	1.7	0.5	0.7	1.6	0.9	0.7	3.4	2.3	2.8
1960	1.6	3.3	2.5	1.4	1.3	1.3	0.9	0.8	2.3	2.0	1.9	2.4
1961	2.5	2.7	2.9	1.8	2.7	0.6	0.7	0.5	2.7	2.3	2.1	1.4
1962	2.0	2.5	2.8	2.4	0.9	0.6	0.6	1.3	2.3	2.6	2.5	3.6
1963	2.1	1.7	2.2	1.1	1.9	0.7	0.4	1.3	2.0	1.6	3.4	2.0
1964	2.7	2.2	1.7	1.1	0.7	0.4	0.8	1.7	1.6	1.2	2.6	1.7
1965	2.5	3.3	1.4	1.6	1.1	1.2	0.5	0.7	0.9	1.9	1.7	2.3
1966	2.8	2.1	2.2	1.0	1.4	1.0	1.1	0.6	1.8	1.5	2.7	3.2
1967	3.2	2.5	1.9	2.1	2.3	1.7	0.5	1.1	1.5	0.8	1.5	2.6
1968	2.1	2.1	3.0	2.3	1.8	1.9	0.8	0.8	1.1	1.6	3.3	2.3
1969	2.1	3.3	2.7	2.6	1.5	0.9	1.2	0.7	1.0	1.0	2.4	3.9
1970	0.8	2.8	2.2	1.8	1.5	1.0	0.7	1.4	0.7	2.0	2.0	3.3
1971	1.7	2.3	3.4	2.5	1.3	0.9	0.5	1.5	1.1	2.5	2.9	2.4
1972	0.8	3.8	2.5	1.3	1.8	2.6	1.1	0.9	3.0	2.3	3.0	3.1
1973	2.9	2.4	1.8	3.3	1.4	1.5	0.9	0.8	0.9	3.4	1.6	3.4
1974	1.8	2.2	2.8	2.0	2.0	1.6	0.5	0.9	1.1	0.7	2.1	3.0
1975	2.5	2.0	2.9	2.8	1.3	1.7	0.9	0.9	1.3	2.0	2.2	3.8

LARGEST HS(METRES) FOR STATION 19 = 3.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 20

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	1.1	0.5	0.5	0.5	0.2	0.1	0.2	0.1	0.2	0.4	0.4	0.5	0.4
1957	0.3	0.2	0.6	0.3	0.1	0.1	0.1	0.2	0.1	0.4	0.5	0.6	0.3
1958	0.9	0.4	0.9	0.7	0.3	0.5	0.2	0.2	0.1	0.5	0.3	0.3	0.4
1959	0.2	0.3	0.4	0.4	0.1	0.2	0.1	0.2	0.1	0.7	1.1	0.5	0.4
1960	0.2	0.6	0.4	0.3	0.3	0.2	0.1	0.1	0.2	0.3	0.3	0.3	0.3
1961	0.4	0.3	0.5	0.4	0.3	0.1	0.1	0.1	0.6	0.8	0.4	0.3	0.4
1962	0.3	0.7	0.6	0.4	0.2	0.1	0.1	0.2	0.3	0.4	0.6	0.5	0.4
1963	0.3	0.2	0.5	0.2	0.5	0.1	0.1	0.1	0.6	0.2	0.6	0.2	0.3
1964	0.4	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.2	0.3	0.4	0.3
1965	0.4	0.3	0.3	0.4	0.1	0.3	0.2	0.1	0.2	0.1	0.3	0.3	0.3
1966	0.5	0.2	0.3	0.2	0.2	0.3	0.1	0.1	0.5	0.1	0.9	0.5	0.3
1967	0.3	0.4	0.4	0.5	0.4	0.2	0.1	0.1	0.2	0.2	0.2	0.5	0.3
1968	0.4	0.4	0.5	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.5	0.3	0.4
1969	0.4	1.2	0.5	0.4	0.3	0.2	0.6	0.2	0.3	0.2	0.8	0.8	0.5
1970	0.1	0.5	0.3	0.3	0.5	0.4	0.2	0.5	0.1	0.4	0.5	0.6	0.4
1971	0.2	0.6	0.4	0.2	0.3	0.3	0.1	0.1	0.2	0.5	0.4	0.3	0.3
1972	0.2	0.9	0.8	0.2	0.6	0.5	0.3	0.2	0.5	0.5	0.6	0.6	0.5
1973	0.3	0.6	0.6	0.6	0.6	0.3	0.2	0.3	0.1	0.4	0.2	0.6	0.4
1974	0.3	0.4	0.5	0.4	0.2	0.3	0.1	0.1	0.4	0.1	0.4	0.6	0.3
1975	0.5	0.3	0.5	0.3	0.1	0.3	0.1	0.1	0.1	0.3	0.3	0.9	0.3
MEAN	0.4	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.3	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 20

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	4.3	2.1	2.8	2.7	0.7	1.2	0.9	1.1	2.5	1.6	2.1	2.6	
1957	2.3	1.2	2.7	1.3	1.2	1.0	0.4	0.8	0.7	1.8	2.3	2.8	
1958	3.0	3.2	3.5	2.3	1.3	0.9	0.8	1.1	0.9	2.3	1.8	2.1	
1959	2.1	1.5	3.1	1.7	0.5	0.8	1.6	1.0	0.8	3.4	2.3	3.0	
1960	1.6	3.2	2.8	1.3	1.3	1.3	0.9	0.9	2.2	2.2	1.8	2.7	
1961	2.9	2.9	2.9	1.9	2.6	0.6	0.7	0.6	2.5	2.7	2.3	1.6	
1962	1.9	2.9	3.1	2.4	0.9	0.6	0.6	1.5	2.4	2.6	2.6	3.6	
1963	2.2	1.6	2.3	1.0	1.9	0.8	0.5	1.5	2.1	1.8	3.5	1.9	
1964	2.9	2.2	1.8	1.0	0.7	0.4	0.8	1.6	1.7	1.3	2.5	1.6	
1965	2.5	3.1	1.5	1.6	1.1	1.3	0.5	0.7	0.9	1.9	1.7	2.3	
1966	2.8	2.4	2.1	1.0	1.4	1.1	1.1	0.6	1.8	1.4	2.6	3.3	
1967	3.2	2.5	2.0	2.4	2.5	1.8	0.5	1.1	1.5	1.0	1.4	2.9	
1968	2.1	2.0	3.1	2.3	1.9	1.9	0.8	0.8	1.1	1.6	3.3	2.3	
1969	2.1	3.7	3.0	2.6	1.7	0.9	1.3	0.7	1.0	1.2	2.4	3.9	
1970	0.8	2.8	2.2	1.7	1.4	1.0	0.6	1.6	0.7	2.0	2.1	3.6	
1971	1.6	2.3	3.3	2.6	1.4	0.9	0.6	1.5	1.1	2.5	3.1	2.5	
1972	0.8	3.9	2.7	1.3	1.7	2.6	1.0	1.0	3.2	2.3	3.2	3.2	
1973	3.0	2.4	2.1	3.4	1.3	1.4	0.9	0.8	0.9	3.3	1.5	3.4	
1974	1.9	2.4	2.8	2.1	1.9	1.5	0.5	0.9	1.2	0.8	2.0	3.2	
1975	2.7	2.0	2.8	2.7	1.5	1.6	1.0	1.0	1.3	2.0	2.5	4.1	

LARGEST HS(METRES) FOR STATION 20 = 4.3

STATION 21 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 295.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	3862	5306	3216	1326	696	484	15	.	.	.	14905
0.50-0.99	.	102	744	501	292	191	3	.	.	.	1633
1.00-1.49	.	.	1	35	41	6	.	.	.	.	83
1.50-1.99	8	.	.	.	.	.	88
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	3862	5408	3961	1862	1037	681	18	0	0	0	

AVERAGE HS(M) = 0.21 LARGEST HS(M) = 1.88 ANGLE CLASS % = 16.8

STATION 21 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 295.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1155	1084	1213	296	1495	1273	249	44	106	470	5876
0.50-0.99	.	294	39	616	393	485	176	25	6	1	2876
1.00-1.49	.	.	39	29	155	446	120	35	1	1	1503
1.50-1.99	46	229	188	34	8	.	627
2.00-2.49	3	37	61	34	10	.	145
2.50-2.99	3	8	3	.	145
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1155	1378	1252	941	2133	3275	1090	215	135	472	

AVERAGE HS(M) = 0.71 LARGEST HS(M) = 3.48 ANGLE CLASS % = 12.1

STATION 21 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 295.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2953	4394	3530	4532	1382	30	5	.	.	340	17166
0.50-0.99	.	46	1057	1706	130	39	2	1	.	80	3284
1.00-1.49	.	.	.	535	179	136	1	.	.	3	3017
1.50-1.99	.	.	.	37	13	60	2	3	.	.	309
2.00-2.49	13	40	2	17	1	.	1559
2.50-2.99	6	5	6	10	.	347
3.00-3.49	171
3.50-3.99	171
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2953	4440	4595	6810	2253	288	196	32	17	423	

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 3.93 ANGLE CLASS % = 22.0

STATION 21 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 295.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	30	29	35	20	13	1	0	0	0	0	100
0.50-0.99	0	0	0	0	0	0	0	0	0	0	0
1.00-1.49	0	0	0	0	0	0	0	0	0	0	0
1.50-1.99	0	0	0	0	0	0	0	0	0	0	0
2.00-2.49	0	0	0	0	0	0	0	0	0	0	0
2.50-2.99	0	0	0	0	0	0	0	0	0	0	0
3.00-3.49	0	0	0	0	0	0	0	0	0	0	0
3.50-3.99	0	0	0	0	0	0	0	0	0	0	0
4.00-4.49	0	0	0	0	0	0	0	0	0	0	0
4.50-4.99	0	0	0	0	0	0	0	0	0	0	0
5.00- GREATER	0	0	0	0	0	0	0	0	0	0	0
TOTAL	30	29	35	20	13	1	0	0	0	0	100

AVERAGE HS(M) = 0.61 LARGEST HS(M) = 2.03 ANGLE CLASS % = 0.1

STATION 21 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 295.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	0	0	0	0	0	0	0	0	0	0	0
0.50-0.99	0	0	0	0	0	0	0	0	0	0	0
1.00-1.49	0	0	0	0	0	0	0	0	0	0	0
1.50-1.99	0	0	0	0	0	0	0	0	0	0	0
2.00-2.49	0	0	0	0	0	0	0	0	0	0	0
2.50-2.99	0	0	0	0	0	0	0	0	0	0	0
3.00-3.49	0	0	0	0	0	0	0	0	0	0	0
3.50-3.99	0	0	0	0	0	0	0	0	0	0	0
4.00-4.49	0	0	0	0	0	0	0	0	0	0	0
4.50-4.99	0	0	0	0	0	0	0	0	0	0	0
5.00- GREATER	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 21 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 295.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	0	0	0	0	0	0	0	0	0	0	0
0.50-0.99	0	0	0	0	0	0	0	0	0	0	0
1.00-1.49	0	0	0	0	0	0	0	0	0	0	0
1.50-1.99	0	0	0	0	0	0	0	0	0	0	0
2.00-2.49	0	0	0	0	0	0	0	0	0	0	0
2.50-2.99	0	0	0	0	0	0	0	0	0	0	0
3.00-3.49	0	0	0	0	0	0	0	0	0	0	0
3.50-3.99	0	0	0	0	0	0	0	0	0	0	0
4.00-4.49	0	0	0	0	0	0	0	0	0	0	0
4.50-4.99	0	0	0	0	0	0	0	0	0	0	0
5.00- GREATER	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

MEAN HS(METRES) BY MONTH AND YEAR

STATION 21

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.8	0.2	0.3	0.2	0.1	0.1	0.0	0.1	0.2	0.2	0.2	0.3	0.2
1957	0.2	0.2	0.3	0.1	0.1	0.0	0.0	0.1	0.0	0.2	0.2	0.3	0.1
1958	0.4	0.3	0.5	0.4	0.1	0.1	0.0	0.0	0.1	0.3	0.1	0.3	0.2
1959	0.1	0.2	0.3	0.2	0.0	0.1	0.0	0.1	0.1	0.2	0.2	0.4	0.2
1960	0.2	0.3	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.3	0.1	0.2	0.2
1961	0.3	0.2	0.3	0.3	0.2	0.0	0.1	0.0	0.3	0.4	0.3	0.2	0.2
1962	0.2	0.5	0.5	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3
1963	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.3	0.2	0.3	0.2	0.2
1964	0.3	0.3	0.3	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.2
1965	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.2	0.1	0.1
1966	0.5	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.2	0.1	0.4	0.4	0.2
1967	0.2	0.3	0.4	0.5	0.3	0.1	0.0	0.1	0.2	0.1	0.1	0.4	0.2
1968	0.3	0.2	0.3	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.4	0.2	0.2
1969	0.2	0.9	0.4	0.1	0.1	0.1	0.2	0.0	0.2	0.2	0.4	0.6	0.3
1970	0.1	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.3	0.4	0.5	0.2
1971	0.2	0.3	0.2	0.2	0.2	0.1	0.0	0.1	0.1	0.3	0.3	0.3	0.2
1972	0.1	0.4	0.3	0.2	0.2	0.1	0.0	0.1	0.3	0.2	0.5	0.5	0.3
1973	0.2	0.5	0.4	0.3	0.1	0.1	0.0	0.1	0.1	0.3	0.1	0.3	0.2
1974	0.2	0.4	0.3	0.2	0.1	0.1	0.0	0.1	0.2	0.1	0.4	0.3	0.2
1975	0.4	0.2	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.5	0.2
MEAN	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.1	0.2	0.2	0.3	0.3	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 21

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.6	2.1	2.9	2.2	0.7	0.8	0.5	1.3	2.3	1.8	1.7	2.1
1957	2.3	1.1	2.3	1.1	1.3	0.3	0.4	0.5	0.6	1.3	2.0	2.8
1958	2.2	2.5	2.8	2.4	1.3	0.5	0.4	0.6	0.9	2.1	1.8	2.1
1959	1.7	1.6	2.1	1.4	0.5	0.7	1.2	1.1	1.0	1.6	2.1	2.8
1960	1.3	2.4	2.9	1.0	0.9	1.0	0.5	1.0	1.0	2.1	1.1	2.8
1961	2.8	3.0	2.2	1.8	2.5	0.3	0.4	0.5	2.1	2.6	2.1	1.7
1962	1.7	2.9	3.1	2.1	0.7	0.6	0.4	1.7	2.2	2.4	2.3	2.8
1963	1.5	1.5	2.3	0.8	1.5	0.9	0.4	0.4	1.9	1.7	2.9	1.3
1964	2.9	2.1	2.0	0.8	0.7	0.5	0.8	0.8	1.8	1.3	1.3	1.5
1965	2.2	2.3	1.3	0.8	0.7	1.0	0.4	0.3	0.9	1.0	1.5	1.4
1966	2.7	2.3	1.0	0.9	1.2	1.2	1.1	0.3	1.3	0.6	1.7	2.6
1967	2.3	2.5	1.9	2.4	2.6	1.7	0.1	0.9	1.5	1.3	1.3	2.9
1968	1.9	2.1	3.0	1.1	1.3	1.1	0.7	0.7	0.8	1.2	2.9	2.0
1969	1.5	3.4	2.9	1.3	1.8	0.6	1.2	0.3	1.1	1.4	2.3	2.9
1970	1.2	1.8	1.7	1.1	1.1	0.9	0.2	1.6	0.8	1.8	2.3	3.2
1971	1.4	2.4	2.3	2.4	1.4	0.9	0.1	1.1	1.1	2.4	2.9	2.6
1972	1.0	3.4	2.5	1.2	1.6	2.1	0.3	1.0	2.9	2.3	2.9	2.9
1973	2.4	2.2	2.2	2.7	1.2	1.4	0.6	0.8	0.9	2.4	0.8	2.6
1974	1.2	2.0	2.3	2.1	0.9	0.9	0.2	0.8	1.4	0.3	2.2	2.5
1975	2.4	2.0	2.4	2.0	1.6	1.2	1.0	1.1	1.2	2.0	2.5	3.9

LARGEST HS(METRES) FOR STATION 21 = 3.9

STATION 22 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 22 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 22 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	506	174	18	.	.	.	698
0.50 - 0.99	6	138	61	10	34	.	249
1.00 - 1.49	13	46	5	1	.	65
1.50 - 1.99	6	1	3	1	10
2.00 - 2.49	1	.	.	.	6
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	512	325	132	21	38	1	0

AVERAGE HS(M) = 0.43 LARGEST HS(M) = 2.62 ANGLE CLASS % = 1.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 22

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.1	0.9	0.6	0.5	0.1	0.1	0.1	0.1	0.3	0.4	0.3	0.4	0.4
1957	0.2	0.2	0.4	0.2	0.1	0.1	0.0	0.1	0.1	0.3	0.3	0.4	0.2
1958	0.6	0.3	0.6	0.6	0.2	0.1	0.1	0.1	0.1	0.4	0.2	0.2	0.3
1959	0.1	0.1	0.4	0.3	0.0	0.1	0.1	0.2	0.1	0.5	0.3	0.4	0.2
1960	0.2	0.5	0.4	0.2	0.2	0.2	0.1	0.1	0.3	0.4	0.2	0.2	0.2
1961	0.3	0.3	0.4	0.3	0.3	0.1	0.1	0.1	0.4	0.4	0.3	0.2	0.3
1962	0.3	0.5	0.5	0.3	0.2	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.3
1963	0.3	0.2	0.4	0.1	0.3	0.1	0.1	0.1	0.4	0.2	0.2	0.2	0.2
1964	0.4	0.3	0.3	0.2	0.1	0.0	0.1	0.1	0.3	0.2	0.3	0.3	0.2
1965	0.4	0.3	0.2	0.3	0.1	0.1	0.0	0.0	0.2	0.1	0.2	0.2	0.2
1966	0.4	0.2	0.2	0.1	0.2	0.1	0.0	0.0	0.3	0.1	0.5	0.3	0.2
1967	0.2	0.3	0.3	0.4	0.3	0.2	0.0	0.1	0.2	0.1	0.3	0.4	0.2
1968	0.3	0.2	0.4	0.3	0.2	0.3	0.1	0.0	0.2	0.2	0.4	0.5	0.2
1969	0.3	1.0	0.4	0.2	0.2	0.1	0.3	0.0	0.3	0.2	0.6	0.6	0.3
1970	0.1	0.4	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.3	0.5	0.4	0.2
1971	0.1	0.4	0.3	0.1	0.2	0.0	0.0	0.1	0.2	0.4	0.3	0.3	0.2
1972	0.1	0.6	0.5	0.2	0.3	0.3	0.0	0.1	0.4	0.3	0.4	0.5	0.3
1973	0.2	0.4	0.5	0.5	0.2	0.2	0.1	0.1	0.1	0.3	0.1	0.5	0.3
1974	0.2	0.4	0.4	0.2	0.2	0.2	0.0	0.1	0.2	0.1	0.4	0.5	0.2
1975	0.4	0.3	0.3	0.2	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.6	0.2
MEAN	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.2	0.3	0.3	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 22

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.3	2.2	2.2	2.7	0.7	1.1	0.8	1.1	2.2	1.9	2.0	2.1
1957	1.7	1.3	2.2	2.2	1.2	0.8	0.3	0.9	0.5	1.8	1.8	2.4
1958	2.6	3.3	3.3	1.9	1.3	0.7	0.6	1.0	0.9	2.1	1.8	2.1
1959	1.6	1.3	3.6	1.9	0.5	0.8	1.6	1.0	0.9	3.0	1.8	2.3
1960	1.5	2.8	2.3	1.3	1.3	1.2	1.1	0.9	2.2	1.8	2.0	2.3
1961	2.4	2.5	3.1	1.7	2.5	0.5	0.6	0.6	2.3	1.9	2.2	1.4
1962	1.7	2.4	2.8	2.2	0.8	0.7	0.8	1.4	2.1	2.5	2.5	3.3
1963	2.2	1.4	2.2	1.1	1.8	0.7	0.5	1.2	2.1	2.1	3.0	1.8
1964	2.4	2.2	1.4	1.5	1.0	0.4	0.9	1.3	1.8	1.2	2.5	1.3
1965	2.2	3.1	1.3	1.0	0.8	1.7	0.5	0.5	1.0	2.3	1.5	2.0
1966	2.7	2.1	1.4	1.4	0.9	1.1	0.8	0.5	2.2	0.9	2.3	2.1
1967	3.0	2.5	1.9	1.9	2.3	1.6	0.4	1.1	1.5	0.8	1.3	2.4
1968	2.3	2.1	2.5	1.9	2.0	1.8	0.4	0.7	1.0	1.5	3.6	2.0
1969	1.9	2.4	2.2	2.0	1.5	0.7	1.1	0.4	1.2	1.0	2.3	3.7
1970	0.7	2.6	2.3	1.7	1.2	0.9	0.5	1.6	0.6	2.3	2.1	2.8
1971	1.1	2.4	3.2	2.4	1.3	0.7	0.4	1.1	1.0	2.0	2.6	2.3
1972	0.8	3.7	2.4	1.3	1.8	2.5	0.5	1.0	2.2	2.3	2.7	2.6
1973	2.6	1.8	1.8	3.0	1.3	1.4	0.8	1.0	0.9	2.9	1.0	3.5
1974	2.2	1.8	2.7	2.1	1.7	1.1	0.4	0.8	1.0	0.8	2.0	2.8
1975	2.4	2.2	2.5	2.5	1.2	1.4	1.2	0.9	1.3	1.7	1.8	3.1

LARGEST HS(METRES) FOR STATION 22 = 3.7

STATION 23 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	3143	4739	2286	1309	3769	3309	658	148	51	728	20140
0.50-0.99	.	159	1338	831	293	1074	112	20	89	559	4617
1.00-1.49	.	.	11	350	165	385	12	17	15	309	1609
1.50-1.99	.	.	.	8	34	361	147	37	8	68	724
2.00-2.49	232	87	32	3	13	470
2.50-2.99	23	3	1	.	5	160
3.00-3.49	66
3.50-3.99	12
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	3143	4898	3635	2498	4583	5388	1418	299	275	1658	

AVERAGE HS(M) = 0.44 LARGEST HS(M) = 3.86 ANGLE CLASS % = 27.8

STATION 23 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	824	958	10	354	1622	910	121	6	.	.	4451
0.50-0.99	.	313	1309	518	205	1069	174	11	.	.	3435
1.00-1.49	.	.	56	20	414	561	188	20	.	.	1757
1.50-1.99	215	544	203	49	.	.	1031
2.00-2.49	37	169	111	53	17	.	392
2.50-2.99	6	13	15	3	10	.	67
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	824	1271	1375	892	2499	3266	812	170	32	0	

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 3.25 ANGLE CLASS % = 11.2

STATION 23 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2161	3345	3256	3429	2015	1148	.	.	.	.	15354
0.50-0.99	.	41	561	491	285	217	.	.	.	.	1595
1.00-1.49	.	.	1	11	27	.	.	.	.	.	39
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2161	3386	3818	3931	2330	1365	0	0	0	0	

AVERAGE HS(M) = 0.20 LARGEST HS(M) = 1.70 ANGLE CLASS % = 17.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 23

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.3	1.0	0.7	0.5	0.1	0.1	0.1	0.1	0.3	0.4	0.3	0.4	0.4
1957	0.2	0.2	0.4	0.1	0.1	0.0	0.0	0.1	0.0	0.3	0.2	0.3	0.2
1958	0.6	0.3	0.7	0.5	0.2	0.1	0.0	0.1	0.1	0.4	0.2	0.3	0.3
1959	0.1	0.1	0.3	0.3	0.0	0.1	0.0	0.2	0.1	0.5	0.3	0.4	0.2
1960	0.2	0.3	0.4	0.1	0.2	0.2	0.1	0.1	0.2	0.4	0.2	0.2	0.2
1961	0.3	0.2	0.4	0.3	0.2	0.0	0.1	0.1	0.4	0.5	0.3	0.2	0.3
1962	0.2	0.6	0.6	0.2	0.2	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.3
1963	0.3	0.2	0.3	0.1	0.2	0.1	0.0	0.0	0.4	0.3	0.8	0.2	0.2
1964	0.3	0.3	0.3	0.2	0.1	0.0	0.1	0.1	0.3	0.2	0.2	0.3	0.2
1965	0.4	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.2	0.1	0.2	0.2	0.2
1966	0.4	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.3	0.1	0.5	0.4	0.2
1967	0.2	0.3	0.4	0.5	0.3	0.3	0.0	0.1	0.3	0.1	0.3	0.4	0.3
1968	0.3	0.2	0.3	0.4	0.2	0.2	0.1	0.0	0.2	0.2	0.4	0.2	0.2
1969	0.3	1.2	0.5	0.2	0.2	0.1	0.2	0.0	0.2	0.2	0.6	0.6	0.4
1970	0.1	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.3	0.5	0.5	0.2
1971	0.1	0.4	0.3	0.1	0.2	0.0	0.0	0.1	0.2	0.4	0.3	0.3	0.2
1972	0.1	0.5	0.4	0.2	0.3	0.2	0.0	0.1	0.4	0.3	0.5	0.5	0.3
1973	0.1	0.5	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.4	0.3
1974	0.2	0.4	0.3	0.2	0.2	0.2	0.0	0.1	0.2	0.1	0.4	0.4	0.2
1975	0.5	0.3	0.3	0.3	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.5	0.2
MEAN	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.2	0.3	0.3	0.3	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 23

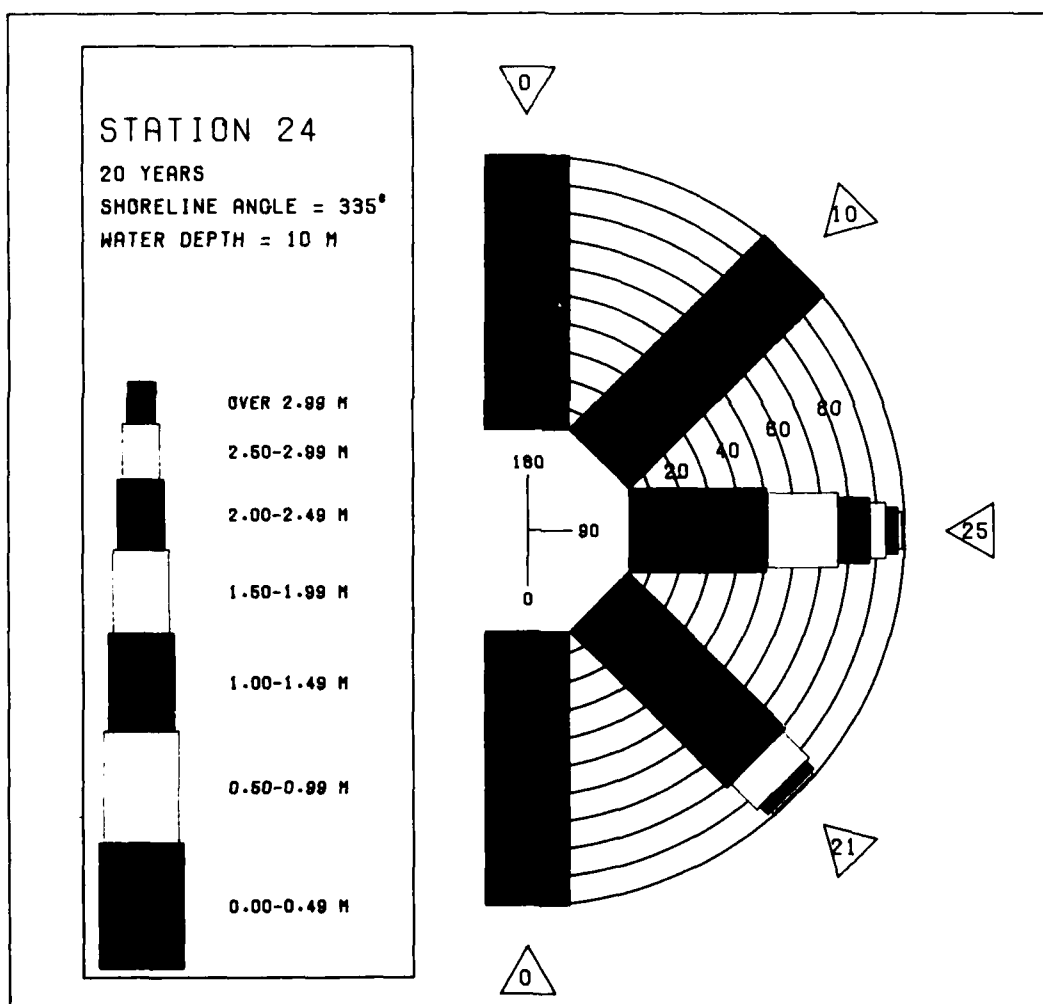
MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.9	2.3	2.5	2.5	0.7	1.0	0.6	1.3	2.6	2.0	1.9	2.3	
1957	2.0	1.5	2.3	1.3	1.4	0.5	0.4	0.8	0.5	1.9	2.0	2.3	
1958	2.7	3.0	3.3	2.4	1.5	0.7	0.5	0.8	0.9	2.3	1.9	2.4	
1959	1.2	1.5	2.6	1.6	0.6	0.8	1.6	1.1	0.8	2.7	1.8	2.5	
1960	1.4	2.6	2.7	1.1	1.2	1.3	0.8	1.0	1.9	2.1	1.8	2.5	
1961	2.6	2.8	3.2	1.9	2.3	0.4	0.6	0.6	2.4	2.2	2.2	1.4	
1962	1.6	2.4	3.1	2.2	0.8	0.6	0.7	1.7	2.3	2.4	2.5	3.3	
1963	1.8	1.4	2.0	0.9	1.7	0.8	0.5	0.8	2.1	2.3	3.1	1.5	
1964	2.4	2.2	1.7	1.6	0.9	0.5	0.9	0.7	1.8	1.2	2.1	1.5	
1965	2.2	2.6	1.4	0.8	0.8	2.0	0.4	0.4	1.1	2.1	1.6	2.0	
1966	2.8	2.3	1.2	1.2	1.1	1.0	0.5	0.4	2.3	0.8	2.3	2.3	
1967	2.8	2.5	2.1	2.1	2.3	1.8	0.3	1.1	1.7	1.2	1.2	2.5	
1968	2.2	2.4	2.9	1.9	1.7	1.7	0.5	0.6	1.0	1.5	3.2	1.9	
1969	1.8	2.6	2.3	2.0	1.7	0.8	1.2	0.2	1.1	1.2	2.2	3.7	
1970	0.9	2.4	2.2	1.4	0.9	0.8	0.3	1.7	0.7	2.1	2.0	3.0	
1971	1.3	2.4	3.0	2.1	1.4	0.8	0.2	1.1	1.2	2.1	2.6	2.4	
1972	0.8	3.9	2.5	1.1	1.9	2.4	0.6	1.0	2.5	2.3	2.7	2.9	
1973	2.5	2.0	2.1	3.1	1.3	1.3	0.6	1.0	1.1	2.9	0.9	3.1	
1974	1.8	2.1	2.8	2.1	1.4	0.9	0.3	0.8	1.2	0.8	2.1	2.8	
1975	2.7	2.3	2.3	2.2	1.4	1.1	1.5	1.1	1.3	1.8	2.2	3.5	

LARGEST HS(METRES) FOR STATION 23 = 3.9

STATION 24 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 335.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT (METRES)	PERIOD (SECONDS)										
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.0+ LONGER	TOTAL
0.0-0.49	596	910	585	494	714	482	72	15	4	69	3941
0.50-0.99	.	42	306	155	85	246	41	21	5	50	932
1.00-1.49	.	.	6	69	77	127	19	11	2	33	467
1.50-1.99	.	.	.	2	44	90	1	8	1	12	179
2.00-2.49	10	64	1	1	.	.	116
2.50-2.99	1	1	.	.	40
3.00-3.49	12
3.50-3.99	1
4.00-4.49	1
4.50-4.99	1
5.00-5.99	1
6.00-6.99	1
7.00-7.99	1
8.00-8.99	1
9.00-9.99	1
10.00-10.99	1
11.00-11.99	1
12.00-12.99	1
13.00-13.99	1
14.00-14.99	1
15.00-15.99	1
16.00-16.99	1
17.00-17.99	1
18.00-18.99	1
19.00-19.99	1
20.00-20.99	1
21.00-21.99	1
22.00-22.99	1
23.00-23.99	1
24.00-24.99	1
25.00-25.99	1
26.00-26.99	1
27.00-27.99	1
28.00-28.99	1
29.00-29.99	1
30.00-30.99	1
31.00-31.99	1
32.00-32.99	1
33.00-33.99	1
34.00-34.99	1
35.00-35.99	1
36.00-36.99	1
37.00-37.99	1
38.00-38.99	1
39.00-39.99	1
40.00-40.99	1
41.00-41.99	1
42.00-42.99	1
43.00-43.99	1
44.00-44.99	1
45.00-45.99	1
46.00-46.99	1
47.00-47.99	1
48.00-48.99	1
49.00-49.99	1
50.00-50.99	1
51.00-51.99	1
52.00-52.99	1
53.00-53.99	1
54.00-54.99	1
55.00-55.99	1
56.00-56.99	1
57.00-57.99	1
58.00-58.99	1
59.00-59.99	1
60.00-60.99	1
61.00-61.99	1
62.00-62.99	1
63.00-63.99	1
64.00-64.99	1
65.00-65.99	1
66.00-66.99	1
67.00-67.99	1
68.00-68.99	1
69.00-69.99	1
70.00-70.99	1
71.00-71.99	1
72.00-72.99	1
73.00-73.99	1
74.00-74.99	1
75.00-75.99	1
76.00-76.99	1
77.00-77.99	1
78.00-78.99	1
79.00-79.99	1
80.00-80.99	1
81.00-81.99	1
82.00-82.99	1
83.00-83.99	1
84.00-84.99	1
85.00-85.99	1
86.00-86.99	1
87.00-87.99	1
88.00-88.99	1
89.00-89.99	1
90.00-90.99	1
91.00-91.99	1
92.00-92.99	1
93.00-93.99	1
94.00-94.99	1
95.00-95.99	1
96.00-96.99	1
97.00-97.99	1
98.00-98.99	1
99.00-99.99	1
TOTAL	596	952	897	740	930	1018	220	44	26	165	58440

AVE HS(M) = 0.26 LARGEST HS(M) = 4.30 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 24

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.5	1.1	0.8	0.5	0.1	0.1	0.0	0.1	0.4	0.4	0.2	0.4	0.5
1957	0.2	0.2	0.5	0.1	0.1	0.0	0.0	0.1	0.0	0.3	0.2	0.3	0.2
1958	0.6	0.3	0.8	0.5	0.2	0.1	0.0	0.1	0.1	0.4	0.2	0.3	0.3
1959	0.1	0.2	0.3	0.2	0.0	0.1	0.0	0.2	0.1	0.4	0.3	0.4	0.2
1960	0.2	0.3	0.5	0.1	0.2	0.2	0.0	0.1	0.2	0.4	0.2	0.2	0.2
1961	0.3	0.3	0.3	0.3	0.2	0.0	0.1	0.1	0.4	0.6	0.4	0.1	0.3
1962	0.2	0.6	0.7	0.2	0.2	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.3
1963	0.3	0.2	0.3	0.1	0.2	0.1	0.0	0.0	0.4	0.3	0.9	0.2	0.2
1964	0.3	0.3	0.3	0.1	0.1	0.0	0.1	0.1	0.3	0.2	0.2	0.3	0.2
1965	0.5	0.2	0.2	0.2	0.1	0.2	0.0	0.0	0.2	0.1	0.2	0.2	0.2
1966	0.5	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.3	0.1	0.5	0.5	0.2
1967	0.2	0.4	0.4	0.6	0.4	0.3	0.0	0.1	0.3	0.1	0.3	0.4	0.3
1968	0.4	0.3	0.4	0.4	0.2	0.2	0.1	0.0	0.2	0.2	0.4	0.2	0.2
1969	0.3	1.4	0.5	0.2	0.2	0.1	0.2	0.0	0.3	0.2	0.6	0.6	0.4
1970	0.1	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.4	0.5	0.6	0.2
1971	0.2	0.3	0.3	0.1	0.2	0.0	0.0	0.1	0.1	0.4	0.4	0.3	0.2
1972	0.1	0.5	0.4	0.2	0.3	0.2	0.0	0.1	0.4	0.3	0.5	0.6	0.3
1973	0.2	0.6	0.6	0.5	0.2	0.1	0.0	0.1	0.1	0.3	0.1	0.4	0.3
1974	0.2	0.4	0.3	0.2	0.1	0.2	0.0	0.1	0.3	0.1	0.5	0.3	0.2
1975	0.5	0.3	0.3	0.3	0.1	0.1	0.2	0.1	0.2	0.3	0.2	0.6	0.3
MEAN	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.2	0.3	0.4	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 24

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	4.3	2.3	2.9	2.5	0.7	0.9	0.5	1.7	2.9	2.3	1.9	2.5	
1957	2.4	1.7	2.5	1.1	1.7	0.5	0.4	0.8	0.5	2.0	2.2	2.7	
1958	2.7	2.9	3.3	2.7	1.8	0.6	0.4	0.8	1.0	2.5	2.2	2.5	
1959	1.0	1.7	2.5	1.6	0.6	0.9	1.5	1.4	1.0	2.4	2.2	2.6	
1960	1.4	2.5	3.6	1.5	1.1	1.6	0.6	1.2	1.5	2.5	1.6	3.0	
1961	3.2	3.3	2.4	2.2	2.3	0.3	0.5	0.6	2.5	3.0	2.4	1.7	
1962	2.0	2.9	3.8	2.2	0.8	0.6	0.5	2.2	2.6	2.4	2.7	3.3	
1963	2.2	1.4	2.3	0.8	1.7	0.9	0.5	0.5	2.2	2.5	3.3	1.5	
1964	2.9	2.3	2.1	1.6	0.9	0.5	0.9	1.1	1.9	1.5	1.9	1.7	
1965	2.5	2.4	1.6	0.9	0.8	2.1	0.3	0.4	1.1	1.3	1.7	1.9	
1966	2.8	2.3	1.2	1.1	1.3	0.8	0.4	0.3	2.2	0.8	2.1	2.7	
1967	2.7	2.5	2.4	2.5	2.8	2.1	0.2	1.1	1.9	1.6	1.4	3.0	
1968	2.3	2.5	3.1	2.1	1.4	1.5	0.6	0.6	0.9	1.5	3.2	1.7	
1969	1.7	3.7	3.1	2.0	2.1	0.8	1.2	0.2	1.5	1.6	2.7	4.0	
1970	1.0	2.2	2.0	1.1	0.9	0.8	0.3	2.0	0.7	2.2	2.2	3.7	
1971	1.8	2.4	2.8	2.0	1.6	0.9	0.1	1.0	1.3	2.2	2.7	2.5	
1972	1.1	3.9	2.8	1.2	2.3	2.3	0.6	1.0	2.9	2.4	2.9	3.2	
1973	2.4	2.4	2.7	3.3	1.3	1.6	0.7	1.0	1.5	3.1	1.0	3.1	
1974	1.9	2.5	2.9	2.1	1.0	0.9	0.3	0.8	1.6	0.9	2.6	2.8	
1975	2.9	2.3	2.4	2.6	1.9	1.4	1.8	1.3	1.3	2.0	2.7	4.2	

LARGEST HS(METRES) FOR STATION 24 = 4.3

STATION 25 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 321.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 25 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 321.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2320	3665	2270	1158	1574	516	6	3	.	.	11512
0.50 - 0.99	.	20	609	499	352	607	34	3	.	.	2124
1.00 - 1.49	.	.	1	53	126	200	37	10	.	.	427
1.50 - 1.99	11	61	30	.	.	.	102
2.00 - 2.49	6	.	5	.	.	.	11
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2320	3665	2880	1710	2069	1384	112	16	0	0	0

AVERAGE HS(M) = 0.29 LARGEST HS(M) = 2.42 ANGLE CLASS % = 14.2

STATION 25 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 321.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	775	835	1110	212	2529	3027	407	99	8	463	8143
0.50 - 0.99	.	308	56	212	82	1071	213	13	61	515	3585
1.00 - 1.49	.	.	13	487	237	364	107	8	90	309	1658
1.50 - 1.99	.	.	.	13	280	443	106	29	11	109	991
2.00 - 2.49	71	398	155	29	6	23	682
2.50 - 2.99	6	85	118	32	16	6	583
3.00 - 3.49	3	35	29	13	.	800
3.50 - 3.99	11	32	.	43
4.00 - 4.49	1	5	66
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	775	1143	1166	712	3205	5391	1141	250	228	1430	0

AVERAGE HS(M) = 0.71 LARGEST HS(M) = 4.30 ANGLE CLASS % = 15.5

MEAN HS(METRES) BY MONTH AND YEAR

STATION 25

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.6	1.1	0.9	0.5	0.1	0.1	0.0	0.2	0.4	3.5	0.3	0.4	0.5
1957	0.3	0.3	0.4	0.1	0.1	0.0	0.0	0.1	0.0	0.3	0.2	0.3	0.2
1958	0.6	0.3	0.8	0.5	0.2	0.1	0.0	0.1	0.1	0.4	0.2	0.4	0.3
1959	0.1	0.2	0.3	0.3	0.1	0.1	0.0	0.2	0.1	0.3	0.3	0.5	0.2
1960	0.3	0.3	0.5	0.2	0.1	0.2	0.0	0.1	0.3	0.4	0.2	0.2	0.2
1961	0.4	0.3	0.4	0.3	0.2	0.0	0.1	0.1	0.4	0.7	0.5	0.2	0.3
1962	0.3	0.7	0.8	0.2	0.2	0.1	0.1	0.3	0.4	0.4	0.6	0.5	0.4
1963	0.4	0.2	0.4	0.2	0.2	0.1	0.0	0.0	0.5	0.3	0.8	0.2	0.3
1964	0.4	0.4	0.4	0.1	0.1	0.0	0.1	0.1	0.3	0.3	0.2	0.4	0.3
1965	0.5	0.3	0.3	0.2	0.1	0.2	0.0	0.0	0.2	0.1	0.3	0.2	0.2
1966	0.6	0.3	0.1	0.2	0.1	0.1	0.0	0.0	0.3	0.1	0.5	0.6	0.2
1967	0.2	0.5	0.6	0.7	0.4	0.3	0.0	0.1	0.4	0.2	0.3	0.6	0.3
1968	0.5	0.3	0.4	0.4	0.2	0.2	0.0	0.1	0.2	0.3	0.5	0.3	0.3
1969	0.4	1.6	0.6	0.2	0.2	0.1	0.2	0.0	0.3	0.3	0.6	0.8	0.4
1970	0.2	0.3	0.3	0.3	0.1	0.1	0.0	0.1	0.1	0.4	0.5	0.6	0.3
1971	0.2	0.3	0.3	0.2	0.2	0.1	0.0	0.1	0.1	0.4	0.5	0.5	0.2
1972	0.2	0.6	0.4	0.3	0.3	0.2	0.0	0.1	0.5	0.4	0.6	0.6	0.3
1973	0.2	0.7	0.7	0.4	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.4	0.3
1974	0.3	0.6	0.3	0.2	0.2	0.2	0.0	0.1	0.3	0.2	0.6	0.4	0.3
1975	0.6	0.3	0.5	0.5	0.2	0.1	0.2	0.1	0.2	0.4	0.3	0.7	0.3
MEAN	0.4	0.5	0.5	0.3	0.2	0.1	0.1	0.1	0.3	0.3	0.4	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 25

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.3	2.3	3.2	2.4	0.9	0.7	0.4	2.0	2.9	2.3	1.7	2.5
1957	2.6	1.7	2.6	1.3	1.9	0.7	0.6	0.7	0.7	2.0	2.1	3.1
1958	2.5	2.7	3.1	3.5	2.0	0.7	0.3	0.8	1.2	2.3	2.2	2.5
1959	0.7	1.8	2.3	1.6	0.8	0.8	1.1	1.5	1.3	1.8	2.6	2.8
1960	1.6	2.3	4.0	1.9	0.9	1.9	0.4	1.4	1.1	2.7	1.4	3.3
1961	3.2	3.4	2.2	2.2	2.1	0.4	0.5	0.6	2.4	3.4	2.7	1.9
1962	2.4	3.1	3.8	2.0	0.8	0.7	0.6	2.5	2.6	2.5	2.6	3.3
1963	2.3	2.0	2.5	1.1	1.8	1.1	0.5	0.4	2.3	2.4	3.0	1.8
1964	3.3	2.5	2.4	1.6	0.9	0.5	1.0	1.7	2.4	1.7	1.8	2.5
1965	2.7	2.5	1.8	1.1	0.9	2.1	0.4	0.3	1.5	1.1	1.7	1.6
1966	2.9	2.3	1.1	1.6	1.4	0.7	0.6	0.3	2.1	0.8	2.1	2.8
1967	2.7	2.7	2.4	3.0	2.9	2.1	0.1	1.2	2.1	2.0	1.7	3.3
1968	2.6	2.8	3.1	2.4	1.9	1.2	0.7	0.7	1.2	1.6	3.2	1.6
1969	1.6	4.1	3.4	1.9	2.3	0.9	1.3	0.5	2.0	2.1	2.9	3.9
1970	1.5	1.9	2.4	1.4	1.1	0.9	0.3	2.3	0.9	2.3	2.5	3.8
1971	2.1	2.4	2.7	1.8	1.6	0.9	0.2	1.7	1.3	2.3	2.7	2.7
1972	1.7	3.9	2.7	1.7	2.4	1.9	0.7	1.2	3.2	2.1	3.1	3.2
1973	2.3	2.9	3.2	3.2	1.2	1.6	1.0	1.0	1.7	2.7	1.6	2.9
1974	2.0	2.9	2.8	1.9	0.9	1.1	0.4	0.9	2.0	1.0	3.2	2.6
1975	2.7	2.3	2.6	2.9	2.4	1.5	1.9	1.4	1.3	2.3	3.2	4.2

LARGEST HS(METRES) FOR STATION 25 = 4.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 26

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.6	1.1	0.9	0.5	0.1	0.1	0.0	0.2	0.4	0.4	0.3	0.3	0.5
1957	0.3	0.3	0.4	0.1	0.1	0.0	0.0	0.1	0.0	0.3	0.2	0.3	0.2
1958	0.5	0.3	0.8	0.4	0.2	0.1	0.0	0.1	0.1	0.4	0.2	0.4	0.3
1959	0.1	0.2	0.3	0.2	0.1	0.1	0.0	0.2	0.1	0.3	0.3	0.5	0.2
1960	0.3	0.3	0.6	0.1	0.1	0.2	0.0	0.1	0.3	0.4	0.1	0.2	0.2
1961	0.4	0.3	0.4	0.3	0.2	0.0	0.1	0.1	0.3	0.7	0.5	0.2	0.3
1962	0.3	0.7	0.8	0.1	0.2	0.1	0.1	0.3	0.4	0.3	0.5	0.5	0.3
1963	0.4	0.2	0.3	0.2	0.2	0.1	0.0	0.0	0.5	0.3	0.7	0.2	0.5
1964	0.4	0.4	0.4	0.1	0.1	0.0	0.1	0.1	0.3	0.3	0.2	0.4	0.2
1965	0.5	0.2	0.3	0.2	0.1	0.1	0.0	0.0	0.2	0.1	0.2	0.2	0.2
1966	0.6	0.3	0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.5	0.6	0.2
1967	0.2	0.4	0.6	0.7	0.4	0.3	0.0	0.1	0.3	0.2	0.3	0.6	0.3
1968	0.5	0.3	0.4	0.4	0.2	0.1	0.0	0.1	0.2	0.2	0.5	0.3	0.5
1969	0.3	1.3	0.6	0.2	0.2	0.1	0.2	0.0	0.2	0.3	0.5	0.7	0.4
1970	0.3	0.2	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.4	0.5	0.6	0.2
1971	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.1	0.1	0.4	0.5	0.5	0.2
1972	0.2	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.4	0.3	0.6	0.6	0.3
1973	0.2	0.7	0.6	0.3	0.1	0.1	0.1	0.1	0.3	0.1	0.3	0.3	0.3
1974	0.3	0.6	0.3	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.6	0.4	0.3
1975	0.5	0.3	0.5	0.5	0.2	0.1	0.1	0.1	0.2	0.3	0.3	0.7	0.3
MEAN	0.4	0.5	0.5	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 26

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.3	2.1	3.3	2.2	0.9	0.7	0.4	2.1	2.7	2.2	1.6	2.5
1957	2.7	1.7	2.6	1.3	1.9	0.8	0.6	0.6	0.7	1.9	2.1	3.0
1958	2.5	2.5	2.8	3.3	2.0	0.7	0.2	0.7	1.3	2.3	2.1	2.5
1959	0.7	1.8	2.2	1.5	0.9	0.8	0.9	1.6	1.3	1.6	2.6	2.8
1960	1.7	1.8	4.0	2.0	0.6	1.8	0.4	1.4	1.1	2.6	1.0	3.3
1961	3.0	3.4	2.1	2.1	2.1	0.4	0.4	0.6	2.1	3.4	2.0	1.9
1962	2.4	3.0	3.8	1.9	0.8	0.7	0.6	2.5	2.6	2.5	2.6	3.2
1963	2.3	1.9	2.4	1.2	1.9	1.3	0.5	0.4	2.3	2.1	2.8	2.2
1964	3.3	2.4	2.4	1.4	0.9	0.5	1.1	1.8	2.3	1.7	1.7	2.4
1965	2.6	2.5	2.0	1.1	0.9	2.1	0.5	0.2	1.6	0.9	1.6	1.7
1966	2.9	2.4	1.0	1.9	1.4	0.6	0.7	0.3	1.6	0.8	2.1	2.7
1967	2.4	2.7	2.3	3.0	2.9	2.1	0.1	1.2	2.2	2.1	1.9	3.2
1968	2.5	2.9	3.1	2.4	2.0	1.1	0.7	0.7	1.2	1.8	3.1	1.6
1969	1.6	4.1	3.4	1.8	2.3	0.9	1.4	0.6	2.1	2.3	2.9	4.0
1970	1.4	1.7	2.4	1.4	1.1	0.9	0.2	2.3	0.9	2.3	2.5	3.7
1971	2.1	2.3	2.5	1.6	1.6	0.8	0.3	1.7	1.3	2.3	2.7	2.7
1972	1.9	3.3	2.6	1.7	2.4	1.6	0.7	1.3	3.1	2.0	3.0	3.2
1973	2.3	3.0	3.2	1.8	1.2	1.6	1.0	1.2	1.6	2.5	1.8	2.6
1974	2.1	2.9	2.2	2.0	0.9	1.2	0.5	0.9	2.0	1.2	3.1	2.4
1975	2.7	2.2	2.6	2.9	2.3	1.4	1.9	1.4	1.1	2.3	3.2	4.1

LARGEST HS(METRES) FOR STATION 26 = 4.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 27

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.2	0.4	0.1	0.1	0.1	0.0	0.1	0.2	0.3	0.2	0.2	0.2
1957	0.4	0.3	0.4	0.1	0.2	0.0	0.1	0.1	0.1	0.3	0.2	0.3	0.2
1958	0.4	0.3	0.6	0.4	0.1	0.1	0.0	0.1	0.2	0.3	0.2	0.4	0.3
1959	0.2	0.3	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.3	0.4	0.2
1960	0.3	0.3	0.5	0.2	0.1	0.1	0.0	0.1	0.2	0.2	0.1	0.3	0.2
1961	0.3	0.3	0.4	0.3	0.2	0.0	0.0	0.1	0.3	0.5	0.4	0.3	0.3
1962	0.2	0.6	0.7	0.1	0.1	0.1	0.1	0.3	0.2	0.2	0.6	0.4	0.3
1963	0.4	0.3	0.3	0.3	0.1	0.1	0.0	0.1	0.4	0.3	0.3	0.3	0.2
1964	0.4	0.5	0.4	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	0.2
1965	0.5	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.2	0.1	0.2	0.2	0.2
1966	0.6	0.3	0.1	0.2	0.1	0.0	0.0	0.0	0.2	0.1	0.4	0.5	0.2
1967	0.3	0.4	0.6	0.6	0.4	0.1	0.0	0.1	0.3	0.2	0.2	0.6	0.3
1968	0.6	0.4	0.3	0.3	0.2	0.1	0.0	0.1	0.2	0.2	0.4	0.3	0.3
1969	0.4	1.1	0.5	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.7	0.3
1970	0.4	0.2	0.3	0.2	0.1	0.1	0.0	0.1	0.1	0.3	0.3	0.6	0.2
1971	0.3	0.2	0.3	0.2	0.2	0.1	0.0	0.1	0.1	0.2	0.4	0.5	0.2
1972	0.3	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.3	0.3	0.5	0.5	0.5
1973	0.3	0.7	0.5	0.2	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.2
1974	0.4	0.6	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.3	0.5	0.4	0.3
1975	0.5	0.3	0.6	0.5	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.6	0.3
MEAN	0.4	0.4	0.4	0.3	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 27

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.7	1.7	2.9	1.4	0.9	0.9	0.3	1.9	1.6	2.0	1.3	2.5
1957	2.6	1.9	2.3	1.5	1.9	0.9	0.6	0.8	0.8	2.0	1.7	2.6
1958	1.7	1.6	2.2	3.2	1.7	1.0	0.3	0.9	1.9	1.4	1.8	2.4
1959	1.2	1.9	2.2	1.3	1.0	0.9	0.4	1.3	1.7	1.6	2.3	2.5
1960	1.6	1.8	3.4	2.0	0.6	1.8	0.6	1.1	0.9	1.2	1.3	3.2
1961	2.6	2.8	1.8	1.9	2.1	0.6	0.4	0.7	2.0	2.8	2.7	2.1
1962	2.2	2.3	2.9	1.1	0.7	0.8	0.8	2.5	2.4	2.5	3.1	2.9
1963	2.3	2.1	2.1	1.8	2.0	1.7	0.5	0.7	2.4	2.5	2.3	2.5
1964	3.0	2.6	2.1	0.8	1.0	0.8	1.4	2.2	2.1	1.8	2.1	3.0
1965	2.1	2.5	2.2	1.9	1.0	1.8	0.6	0.4	1.8	1.4	1.8	2.4
1966	2.5	2.3	1.7	2.0	1.2	0.6	0.9	0.4	1.3	0.9	2.0	2.6
1967	2.0	2.5	2.3	2.9	2.4	1.3	0.2	1.0	2.2	2.2	2.1	2.9
1968	2.2	2.5	2.9	1.9	2.0	0.9	0.6	1.1	1.3	1.9	2.5	2.3
1969	2.0	3.8	3.0	2.0	2.0	0.8	1.3	0.8	2.3	2.3	2.2	3.0
1970	1.9	2.1	2.4	1.3	1.1	0.9	0.3	2.3	1.0	2.4	2.5	3.2
1971	1.9	2.3	2.3	1.6	1.3	0.7	0.4	2.0	0.9	1.4	2.2	2.6
1972	2.3	2.0	2.0	1.8	2.6	0.8	0.8	1.3	2.6	2.3	2.4	2.6
1973	2.2	2.7	2.8	1.2	1.2	1.5	1.0	1.3	1.4	1.8	1.9	1.9
1974	2.1	2.8	1.7	2.2	1.3	1.1	0.6	0.9	1.9	1.7	2.6	2.3
1975	2.7	2.1	2.4	2.5	2.4	1.1	1.7	1.2	1.3	2.3	2.8	2.6

LARGEST HS(METRES) FOR STATION 27 = 3.8

MEAN HS(METRES) BY MONTH AND YEAR

STATION 28

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.8	1.1	0.9	0.5	0.2	0.1	0.1	0.2	0.4	0.5	0.4	0.5	0.6
1957	0.5	0.4	0.6	0.2	0.2	0.1	0.1	0.2	0.1	0.4	0.3	0.4	0.3
1958	0.8	0.6	1.0	0.7	0.3	0.1	0.1	0.1	0.2	0.6	0.4	0.6	0.5
1959	0.3	0.4	0.5	0.4	0.1	0.2	0.1	0.3	0.2	0.5	0.4	0.6	0.3
1960	0.5	0.6	0.8	0.2	0.2	0.3	0.1	0.2	0.3	0.5	0.3	0.4	0.4
1961	0.5	0.5	0.6	0.5	0.3	0.1	0.1	0.1	0.5	0.8	0.7	0.4	0.4
1962	0.4	0.9	1.0	0.2	0.3	0.1	0.1	0.4	0.5	0.5	0.3	0.7	0.5
1963	0.5	0.4	0.5	0.4	0.3	0.2	0.1	0.1	0.6	0.5	0.9	0.5	0.4
1964	0.7	0.7	0.5	0.3	0.2	0.1	0.2	0.2	0.4	0.4	0.4	0.5	0.4
1965	0.7	0.5	0.5	0.4	0.1	0.2	0.1	0.1	0.3	0.2	0.4	0.4	0.3
1966	0.9	0.5	0.3	0.3	0.2	0.1	0.1	0.1	0.4	0.2	0.7	0.8	0.4
1967	0.4	0.6	0.7	0.8	0.5	0.3	0.0	0.1	0.5	0.3	0.5	0.8	0.5
1968	0.8	0.5	0.6	0.5	0.3	0.2	0.1	0.1	0.3	0.4	0.7	0.5	0.4
1969	0.6	1.7	0.8	0.3	0.3	0.1	0.3	0.1	0.4	0.4	0.7	1.1	0.6
1970	0.5	0.4	0.5	0.4	0.2	0.1	0.1	0.2	0.2	0.5	0.6	0.9	0.4
1971	0.4	0.5	0.4	0.3	0.3	0.1	0.0	0.2	0.2	0.5	0.7	0.7	0.4
1972	0.4	0.8	0.6	0.4	0.4	0.2	0.1	0.2	0.5	0.5	0.8	0.8	0.5
1973	0.4	0.9	0.8	0.5	0.3	0.2	0.1	0.2	0.2	0.5	0.3	0.6	0.4
1974	0.5	0.8	0.6	0.4	0.3	0.2	0.1	0.2	0.4	0.3	0.7	0.6	0.4
1975	0.8	0.5	0.8	0.7	0.2	0.2	0.2	0.2	0.3	0.5	0.4	0.9	0.5
MEAN	0.6	0.7	0.7	0.4	0.3	0.2	0.1	0.2	0.3	0.4	0.5	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 28

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.3	2.3	3.3	2.5	1.0	0.9	0.6	2.2	2.9	2.3	1.8	2.5
1957	2.8	1.9	2.7	1.7	2.0	0.9	0.6	0.9	0.8	2.2	2.2	3.2
1958	2.4	2.8	3.1	3.8	2.0	1.0	0.5	0.9	1.9	2.4	2.2	2.7
1959	1.1	2.0	2.5	1.6	1.0	0.9	1.4	1.7	1.7	2.1	2.7	2.8
1960	1.9	2.4	4.0	2.2	1.2	2.0	0.8	1.4	1.5	2.7	1.6	3.6
1961	3.3	3.5	2.3	2.2	2.1	0.7	0.6	0.7	2.3	3.5	3.1	2.1
1962	2.6	3.1	3.8	2.2	0.9	0.9	0.9	2.6	2.7	2.8	3.3	3.3
1963	2.5	2.3	2.5	2.0	2.2	1.6	0.5	0.9	2.4	2.7	3.0	2.5
1964	3.4	2.8	2.5	1.6	1.1	0.8	1.5	2.3	2.6	2.0	2.2	3.2
1965	2.7	2.8	2.3	1.9	0.9	2.2	0.6	0.4	1.9	1.6	2.0	2.4
1966	3.1	2.6	1.6	2.0	1.5	0.8	0.9	0.5	2.1	1.0	2.1	3.0
1967	2.7	2.8	2.5	3.4	2.9	2.1	0.3	1.2	2.2	2.4	2.1	3.5
1968	2.7	3.1	3.2	2.4	2.2	1.5	0.7	1.1	1.4	2.1	3.1	2.3
1969	2.1	4.1	3.4	2.0	2.3	0.9	1.5	0.9	2.4	2.4	2.9	3.8
1970	2.0	2.1	2.4	1.5	1.2	0.9	0.4	2.5	1.0	2.4	2.8	3.9
1971	2.3	2.4	2.7	2.0	1.6	0.9	0.6	2.2	1.4	2.4	2.7	3.0
1972	2.3	3.7	2.7	1.9	2.8	2.1	0.8	1.4	3.4	2.4	3.1	3.2
1973	2.4	3.2	3.4	3.0	1.3	1.6	1.1	1.4	1.7	2.8	1.9	2.9
1974	2.2	3.1	2.6	2.3	1.3	1.2	1.0	0.9	2.1	1.7	3.3	2.5
1975	2.9	2.3	2.8	3.1	2.6	1.5	2.0	1.5	1.4	2.5	3.3	4.2

LARGEST HS(METRES) FOR STATION 28 = 4.3

STATION 29 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 343.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49					373	566	13				2157
0.50-0.99	586	619		150	30	870	41				2559
1.00-1.49		396	1072	633	181	580	88				1642
1.50-1.99			157	39	121	412	99				871
2.00-2.49					128	646	165	10			649
2.50-2.99					3	164	244	87			499
3.00-3.49						3	68	148	32	1	252
3.50-3.99								23	59	6	88
4.00-4.49								1	13	8	22
4.50-4.99										1	0
5.00- GREATER											0
TOTAL	586	1015	1229	822	1036	3241	718	272	105	16	

AVERAGE HS(M) = 1.20 LARGEST HS(M) = 4.50 ANGLE CLASS % = 9.1

STATION 29 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 343.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	677	1055	22		326	306	15				2401
0.50-0.99		328	1536	518	306	1252	150	17			4107
1.00-1.49			77	638	576	1319	210	30			2850
1.50-1.99				15	205	833	195	23			1271
2.00-2.49					46	254	34	70			581
2.50-2.99								13			14
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	677	1383	1635	1171	1459	3972	814	187	5	0	

AVERAGE HS(M) = 0.98 LARGEST HS(M) = 3.34 ANGLE CLASS % = 11.3

STATION 29 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 343.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2819	5289	5148	5475	2138	280					21149
0.50-0.99		59	826	915	882	518					3170
1.00-1.49			3	23	97						123
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	2819	5348	5977	6413	3087	798	0	0	0	0	

AVERAGE HS(M) = 0.25 LARGEST HS(M) = 1.31 ANGLE CLASS % = 24.5

MEAN HS(METRES) BY MONTH AND YEAR

STATION 29

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.9	0.9	0.7	0.4	0.3	0.2	0.2	0.3	0.5	0.7	0.6	0.5	0.6
1957	0.5	0.6	0.7	0.3	0.3	0.2	0.1	0.2	0.2	0.5	0.4	0.6	0.4
1958	0.9	0.6	1.0	0.9	0.4	0.2	0.1	0.2	0.3	0.7	0.4	0.7	0.5
1959	0.4	0.5	0.6	0.6	0.1	0.2	0.2	0.3	0.3	0.6	0.6	0.7	0.4
1960	0.5	0.7	0.8	0.4	0.3	0.4	0.2	0.2	0.5	0.5	0.4	0.5	0.4
1961	0.6	0.6	0.7	0.6	0.4	0.2	0.2	0.2	0.7	1.1	1.1	0.5	0.6
1962	0.5	1.0	1.3	0.4	0.3	0.2	0.2	0.4	0.5	0.5	1.0	0.8	0.6
1963	0.6	0.4	0.6	0.4	0.4	0.2	0.1	0.2	0.7	0.5	0.8	0.5	0.5
1964	0.7	0.7	0.7	0.4	0.2	0.1	0.2	0.3	0.5	0.4	0.5	0.7	0.5
1965	0.8	0.6	0.5	0.5	0.2	0.3	0.1	0.1	0.3	0.3	0.4	0.4	0.4
1966	0.8	0.4	0.3	0.3	0.3	0.2	0.1	0.1	0.5	0.3	0.8	0.8	0.4
1967	0.5	0.7	0.8	0.9	0.5	0.3	0.1	0.2	0.5	0.3	0.4	0.9	0.5
1968	0.8	0.6	0.7	0.7	0.5	0.3	0.1	0.2	0.3	0.3	0.7	0.5	0.5
1969	0.6	1.7	0.8	0.4	0.4	0.2	0.4	0.1	0.4	0.5	0.8	1.0	0.6
1970	0.5	0.5	0.5	0.5	0.4	0.2	0.1	0.2	0.2	0.6	0.7	0.9	0.5
1971	0.5	0.6	0.5	0.4	0.3	0.2	0.1	0.2	0.3	0.5	0.6	0.7	0.4
1972	0.4	0.8	0.7	0.4	0.5	0.3	0.2	0.2	0.6	0.6	0.9	0.8	0.5
1973	0.5	1.3	1.1	0.5	0.4	0.3	0.2	0.3	0.2	0.6	0.3	0.8	0.5
1974	0.6	0.9	0.6	0.3	0.4	0.5	0.1	0.2	0.5	0.4	0.8	0.7	0.5
1975	0.8	0.6	0.8	0.6	0.3	0.3	0.3	0.2	0.3	0.5	0.5	1.1	0.5
MEAN	0.7	0.7	0.7	0.5	0.3	0.2	0.2	0.2	0.4	0.5	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 29

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.5	2.3	3.2	2.5	1.3	1.1	1.1	2.4	3.0	2.6	2.3	2.8
1957	2.8	2.4	3.0	2.7	2.0	1.0	0.7	1.2	0.9	2.3	2.2	3.2
1958	2.9	3.1	3.3	4.0	2.3	1.2	0.6	1.2	1.3	2.6	2.2	2.8
1959	1.5	2.2	2.8	2.0	0.9	1.0	1.4	1.8	1.9	2.8	2.8	2.8
1960	2.1	2.4	4.1	2.2	1.3	2.4	1.4	1.4	2.2	3.0	2.3	3.2
1961	3.4	3.5	2.6	2.3	2.4	0.7	1.0	0.8	3.0	3.8	3.0	1.9
1962	2.6	3.2	4.2	2.2	1.3	1.2	1.1	2.7	2.9	2.6	3.1	3.4
1963	2.4	2.3	2.5	1.4	2.2	1.6	0.6	1.4	2.4	2.5	2.8	2.0
1964	3.2	2.8	2.6	2.1	1.1	0.7	1.7	1.7	2.5	1.9	2.2	2.6
1965	2.8	2.7	2.2	1.7	1.0	2.3	0.7	0.8	1.5	2.0	2.0	1.8
1966	3.0	2.1	1.7	2.1	1.2	1.2	1.0	1.1	2.2	1.1	2.4	2.9
1967	3.0	2.8	3.3	3.6	3.2	2.0	0.6	1.3	2.7	2.5	2.1	3.4
1968	2.9	3.2	3.5	2.4	2.1	1.9	0.7	1.1	1.5	2.2	3.3	2.1
1969	1.9	4.4	3.3	2.3	2.4	1.0	2.0	0.7	2.2	2.2	2.9	3.4
1970	1.9	2.7	2.4	2.3	1.9	1.3	0.6	2.5	1.1	2.5	2.7	3.2
1971	2.2	2.5	3.2	2.7	1.2	0.8	0.7	1.9	1.2	2.4	2.6	2.8
1972	1.8	4.1	2.7	2.3	2.8	2.4	0.9	1.3	2.8	2.6	3.1	3.2
1973	2.6	3.7	3.6	2.9	1.6	1.4	1.3	1.3	1.9	3.0	1.7	3.3
1974	2.2	3.5	2.9	2.3	1.6	1.4	0.7	1.1	2.2	1.5	3.2	3.0
1975	3.3	2.3	2.7	3.5	2.5	2.1	2.4	2.0	1.7	2.5	3.1	3.7

LARGEST HS(METRES) FOR STATION 29 = 4.5

STATION 30 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 1.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	4233	8406	5727	3256	859	675	68	5	1	5	23229	
0.50 - 0.99	.	210	1622	1183	434	306	90	.	.	.	3654	
1.00 - 1.49	.	.	6	58	107	11	.	.	.	.	182
1.50 - 1.99	6	.	.	.	.	.	6	
2.00 - 2.49	6	
2.50 - 2.99	6	
3.00 - 3.49	6	
3.50 - 3.99	6	
4.00 - 4.49	6	
4.50 - 4.99	6	
5.00 - GREATER	6	
TOTAL	4233	8616	7355	4477	1406	992	158	8	1	5	0	

AVERAGE HS(M) = 0.26

LARGEST HS(M) = 1.83

ANGLE CLASS % = 27.3

AVERAGE HS(M) = 0.26 LARGEST HS(M) = 1.83 ANGLE CLASS % = 27.3

STATION 30 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 1.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	807	1185			2347	1784	730	56	32	1528	8469	
0.50-0.99		600	1377	302	95	639	195	42	54	251	3559	
1.00-1.49			82	62	379	400	174	37	13	11	1725	
1.50-1.99				25	198	434	83	47	33	4	784	
2.00-2.49					42	143	87	37	3	1	317	
2.50-2.99						11	15	18	3	1	50	
3.00-3.49								10			14	
3.50-3.99											6	
4.00-4.49											6	
4.50-4.99											6	
5.00-GREATER											6	
TOTAL	807	1785	1459	956	3061	3411	1284	245	115	1795	0	

AVERAGE HS(M) = 0.60 LARGEST HS(M) = 3.33 ANGLE CLASS % = 14.9

STATION 30 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 1.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	415	424	732	59	908	371	10	8	29	1209	3374	
0.50-0.99	.	388	97	470	83	343	77	19	11	115	1835	
1.00-1.49	.	.	.	27	174	125	59	10	1	112	977	
1.50-1.99	53	147	33	22	1	64	487	
2.00-2.49	1	261	158	8	.	58	439	
2.50-2.99	66	138	25	6	18	268	
3.00-3.49	3	27	30	1	8	74	
3.50-3.99	3	1	.	4	
4.00-4.49	1	1	
4.50-4.99	6	
5.00-GREATER	6	
TOTAL	415	812	829	556	1314	1313	392	123	70	1715	0	

AVERAGE HS(M) = 0.84 LARGEST HS(M) = 4.04 ANGLE CLASS % = 7.6

MEAN HS(METRES) BY MONTH AND YEAR

STATION 30

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.7	0.9	0.7	0.5	0.3	0.3	0.2	0.3	0.5	0.7	0.6	0.5	0.6
1957	0.5	0.6	0.7	0.3	0.3	0.2	0.2	0.2	0.3	0.5	0.4	0.6	0.4
1958	0.8	0.5	0.9	0.9	0.4	0.3	0.2	0.2	0.3	0.7	0.4	0.6	0.5
1959	0.4	0.4	0.6	0.6	0.2	0.3	0.2	0.3	0.3	0.7	0.6	0.7	0.4
1960	0.4	0.6	0.7	0.4	0.3	0.5	0.2	0.2	0.5	0.5	0.4	0.4	0.4
1961	0.5	0.5	0.6	0.5	0.4	0.3	0.3	0.2	0.7	1.1	1.0	0.5	0.5
1962	0.5	0.9	1.2	0.4	0.3	0.2	0.2	0.5	0.5	0.5	0.9	0.8	0.6
1963	0.5	0.4	0.6	0.3	0.4	0.2	0.2	0.2	0.7	0.4	0.9	0.4	0.4
1964	0.7	0.6	0.6	0.4	0.3	0.2	0.3	0.3	0.6	0.4	0.4	0.7	0.4
1965	0.7	0.5	0.4	0.4	0.2	0.3	0.2	0.2	0.3	0.3	0.4	0.3	0.4
1966	0.7	0.3	0.4	0.3	0.3	0.3	0.2	0.2	0.5	0.3	0.3	0.7	0.4
1967	0.4	0.6	0.7	0.8	0.6	0.4	0.3	0.4	0.6	0.4	0.4	0.8	0.5
1968	0.6	0.5	0.6	0.6	0.4	0.3	0.1	0.2	0.3	0.3	0.7	0.5	0.4
1969	0.6	1.6	0.7	0.4	0.4	0.2	0.4	0.2	0.4	0.4	0.8	0.9	0.6
1970	0.4	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.6	0.7	0.8	0.5
1971	0.4	0.6	0.5	0.4	0.4	0.2	0.2	0.2	0.3	0.5	0.6	0.6	0.4
1972	0.4	0.8	0.9	0.5	0.6	0.5	0.3	0.4	0.6	0.6	0.8	0.3	0.6
1973	0.4	1.2	1.0	0.5	0.4	0.3	0.3	0.3	0.3	0.5	0.4	0.9	0.5
1974	0.5	0.8	0.8	0.6	0.4	0.4	0.2	0.3	0.5	0.3	0.7	0.7	0.5
1975	0.8	0.5	0.7	0.6	0.3	0.3	0.4	0.2	0.3	0.5	0.5	1.1	0.5
MEAN	0.6	0.7	0.7	0.5	0.4	0.3	0.2	0.3	0.4	0.5	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 30

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.5	2.2	3.1	2.8	1.3	1.3	1.4	2.3	3.0	2.6	2.3	2.7
1957	2.8	2.3	2.9	2.7	1.3	1.4	0.9	1.1	0.9	2.1	2.2	3.1
1958	2.9	3.2	3.3	3.7	2.3	0.9	0.7	1.2	1.4	2.6	2.2	2.8
1959	1.9	2.2	3.0	2.1	0.8	1.1	1.5	1.7	1.7	3.1	2.6	2.6
1960	2.1	2.7	4.0	2.2	1.4	2.3	1.7	1.4	2.5	2.9	2.3	2.9
1961	3.3	3.4	2.7	2.3	2.6	1.0	1.0	0.8	3.1	3.6	2.3	1.9
1962	2.5	3.1	4.1	2.2	1.3	1.2	1.1	2.6	2.6	2.6	2.7	3.4
1963	2.2	2.0	2.4	1.4	2.2	1.4	0.7	1.7	2.3	2.4	2.9	2.1
1964	3.2	2.4	2.5	2.1	1.1	0.7	1.3	1.7	2.5	1.9	2.5	2.2
1965	2.7	2.8	2.0	1.7	1.0	2.3	0.9	0.8	1.1	2.1	2.0	1.9
1966	2.7	2.2	1.7	1.9	1.3	1.5	1.1	1.1	2.4	1.2	2.7	3.0
1967	3.1	2.7	3.2	3.3	3.2	1.9	0.8	1.2	2.6	2.3	2.0	3.2
1968	2.6	2.9	3.3	2.2	2.3	1.9	0.7	0.8	1.5	2.2	3.3	2.2
1969	2.2	4.2	3.2	2.4	2.3	0.9	2.0	1.0	1.9	2.0	2.7	3.5
1970	1.8	2.8	2.2	2.1	2.1	1.1	1.0	2.3	1.0	2.5	2.5	3.5
1971	2.1	2.6	3.6	2.7	1.3	0.8	1.0	1.7	1.2	2.4	2.6	2.7
1972	1.5	4.1	2.7	2.2	2.7	2.5	0.9	1.2	2.9	2.6	3.0	3.3
1973	2.7	3.6	3.1	3.0	1.7	1.6	1.2	1.4	1.9	3.1	1.7	3.6
1974	2.0	3.2	3.0	2.4	1.7	1.5	0.6	1.0	2.0	1.2	3.0	3.1
1975	3.3	2.3	2.8	3.3	2.3	2.1	2.3	1.9	1.6	2.5	2.9	3.7

LARGEST HS(METRES) FOR STATION 30 = 4.5

STATION 31 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 17.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2717	6377	4840	3353	1435	2203	1344	164	138	6	22577
0.5 - 0.99	.	343	2239	1451	508	306	17	8	18	.	4896
1.0 - 1.49	.	.	13	99	78	29	3	.	.	.	222
1.5 - 1.99	1	1	.	.	.	.	000
2.0 - 2.49	000
2.5 - 2.99	000
3.0 - 3.49	000
3.5 - 3.99	000
4.0 - 4.49	000
4.5 - 4.99	000
5.0 - GREATER	000
TOTAL	2717	6720	7092	4903	2022	2539	1364	172	156	12	

AVERAGE HS(M) = 0.30 LARGEST HS(M) = 1.56 ANGLE CLASS % = 27.7

STATION 31 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 17.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	672	1028	1449	297	1806	1991	525	11	47	22	6080
0.5 - 0.99	.	598	131	621	124	506	303	87	110	22	23578
1.0 - 1.49	.	.	.	29	244	561	150	21	15	100	2034
1.5 - 1.99	46	177	100	20	10	1	352
2.0 - 2.49	23	11	22	3	1	62
2.5 - 2.99	8	.	.	11
3.0 - 3.49	000
3.5 - 3.99	000
4.0 - 4.49	000
4.5 - 4.99	000
5.0 - GREATER	000
TOTAL	672	1626	1580	947	2646	3684	1370	260	217	44	

AVERAGE HS(M) = 0.73 LARGEST HS(M) = 3.75 ANGLE CLASS % = 13.1

STATION 31 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 17.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	355	431	819	61	655	1678	954	47	121	2453	6694
0.5 - 0.99	.	402	133	515	85	2058	1699	63	244	1351	6982
1.0 - 1.49	.	.	.	41	99	655	612	183	289	248	2734
1.5 - 1.99	210	354	198	22	128	99	953
2.0 - 2.49	56	306	142	47	61	6	553
2.5 - 2.99	3	58	131	30	22	1	245
3.0 - 3.49	22	13	3	1	100
3.5 - 3.99	000
4.0 - 4.49	000
4.5 - 4.99	000
5.0 - GREATER	000
TOTAL	355	833	952	617	1108	5009	3958	419	879	4161	

AVERAGE HS(M) = 0.79 LARGEST HS(M) = 4.16 ANGLE CLASS % = 18.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 31

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.6	0.9	0.7	0.6	0.5	0.4	0.4	0.4	0.5	0.9	0.6	0.7	0.7
1957	0.4	0.5	1.4	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.6	0.8	0.6
1958	0.9	0.4	1.0	0.9	0.6	0.9	0.4	0.4	0.3	0.8	0.5	0.5	0.6
1959	0.4	0.4	0.6	0.8	0.2	0.3	0.3	0.5	0.5	0.9	1.2	0.7	0.5
1960	0.3	0.7	0.7	0.5	0.4	0.6	0.3	0.4	0.5	0.5	0.5	0.4	0.5
1961	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3	1.0	1.4	0.8	0.5	0.6
1962	0.5	0.9	1.1	0.5	0.3	0.7	0.3	0.5	0.5	0.5	0.9	0.7	0.6
1963	0.5	0.4	0.6	0.3	0.6	0.3	0.3	0.3	0.9	0.5	0.9	0.3	0.5
1964	0.6	0.5	0.6	0.5	0.3	0.2	0.5	0.4	0.8	0.5	0.4	0.6	0.5
1965	0.7	0.6	0.4	0.5	0.2	0.5	0.4	0.3	0.3	0.4	0.5	0.4	0.4
1966	0.6	0.3	0.4	0.4	0.5	0.5	0.3	0.2	0.6	0.3	0.9	0.7	0.5
1967	0.4	0.6	0.7	0.7	0.7	0.9	0.6	0.5	0.7	0.6	0.4	0.7	0.6
1968	0.6	0.5	0.6	0.6	0.5	0.6	0.5	0.4	0.3	0.3	0.6	0.4	0.5
1969	0.6	1.4	0.6	0.5	0.5	0.3	0.6	0.3	0.5	0.4	0.9	0.8	0.6
1970	0.3	0.7	0.5	0.5	0.7	0.5	0.5	0.5	0.3	0.6	0.6	0.7	0.5
1971	0.4	0.7	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.6	0.5	0.5	0.4
1972	0.4	1.0	1.1	0.6	0.9	0.8	0.6	0.5	0.6	0.7	0.8	0.7	0.7
1973	0.4	1.1	0.9	0.6	0.7	0.4	0.4	0.4	0.3	0.6	0.4	1.0	0.6
1974	0.5	0.7	1.1	0.9	0.4	0.4	0.3	0.4	0.7	0.3	0.7	0.8	0.6
1975	0.8	0.5	0.6	0.5	0.3	0.5	0.6	0.2	0.3	0.4	0.5	1.5	0.6
MEAN	0.6	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.5	0.6	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 31

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	4.5	2.4	3.0	3.1	1.7	1.3	1.6	2.0	3.2	2.7	2.4	2.8	
1957	2.6	2.4	3.3	2.9	1.9	2.0	1.2	1.1	1.2	2.0	2.5	3.0	
1958	2.9	3.1	3.4	3.4	2.3	1.5	1.0	1.4	1.4	2.5	2.4	2.5	
1959	2.3	2.2	3.1	2.3	0.9	1.2	1.9	2.0	1.5	3.1	2.6	2.5	
1960	2.1	2.6	3.7	2.1	1.1	2.3	2.1	1.9	2.2	2.8	2.5	2.9	
1961	3.2	3.6	2.9	2.3	2.8	1.5	1.1	0.9	3.3	3.5	2.6	2.0	
1962	2.2	2.9	4.0	2.3	1.3	1.4	1.1	2.1	2.6	2.7	2.7	3.3	
1963	2.4	2.2	2.4	1.6	2.2	1.2	0.9	2.0	2.6	2.4	3.0	2.4	
1964	3.0	2.6	2.6	2.2	1.3	0.9	1.2	2.0	2.6	1.6	2.5	2.0	
1965	2.6	2.9	2.4	2.0	0.7	2.4	1.0	0.8	1.0	2.1	1.7	1.9	
1966	2.7	2.2	1.6	2.4	1.6	1.7	1.2	1.1	2.1	1.3	2.5	3.1	
1967	2.4	2.5	2.9	2.7	3.4	1.9	1.1	1.2	2.6	1.7	1.8	3.1	
1968	2.5	2.7	3.5	2.0	2.3	1.9	0.8	0.8	1.6	1.6	3.4	2.4	
1969	2.2	3.5	3.2	2.2	2.0	1.0	2.0	1.3	1.9	1.7	2.8	3.5	
1970	1.5	2.9	2.7	2.3	2.0	1.2	1.5	2.3	1.1	2.3	2.5	3.9	
1971	2.5	2.6	3.5	2.5	1.9	0.9	1.2	1.3	1.1	2.3	2.6	2.3	
1972	1.6	4.2	2.9	1.9	2.3	2.8	1.1	1.2	3.1	2.5	2.9	3.5	
1973	2.8	3.3	2.8	2.9	1.9	1.6	1.3	1.7	2.1	3.1	1.9	4.0	
1974	2.5	3.2	3.0	2.3	1.8	1.4	0.9	1.2	1.8	1.1	3.0	3.1	
1975	3.5	2.6	3.2	3.4	2.0	1.9	2.4	1.6	1.5	2.5	2.7	3.6	

LARGEST HS(METRES) FOR STATION 31 = 4.5

STATION 32 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOPELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	5641	10049	7977	5106	1728	1117	123	39	11	.	31791
0.50 - 0.99	.	167	1048	672	285	203	.	.	.	.	2375
1.00 - 1.49	.	.	15	65	53	6	.	.	.	.	139
1.50 - 1.99	3
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	5641	10216	9040	5843	2069	1326	123	39	11	0	0

AVERAGE HS(M) = 0.14 LARGEST HS(M) = 1.87 ANGLE CLASS % = 34.3

STATION 32 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOPELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	506	646	1127	251	1131	2809	2111	131	227	1134	8695
0.50 - 0.99	.	414	140	627	368	1717	1557	198	460	37	5959
1.00 - 1.49	.	.	.	20	205	340	177	56	184	32	2319
1.50 - 1.99	51	205	126	32	53	11	847
2.00 - 2.49	1	20	15	17	6	1	54
2.50 - 2.99	1	3	1	.	.	5
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	506	1060	1267	898	1825	5242	4346	496	860	1205	0

AVERAGE HS(M) = 0.65 LARGEST HS(M) = 3.27 ANGLE CLASS % = 17.7

STATION 32 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOPELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	242	321	651	87	254	422	140	75	41	102	1597
0.50 - 0.99	.	292	111	497	115	355	124	49	65	388	2026
1.00 - 1.49	.	.	.	39	111	176	54	20	30	306	1305
1.50 - 1.99	285	248	20	1	6	217	616
2.00 - 2.49	94	482	95	1	8	49	729
2.50 - 2.99	1	124	169	30	3	20	447
3.00 - 3.49	1	46	17	17	6	135
3.50 - 3.99	1	.	3	11	40
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	242	613	762	623	760	1808	649	270	178	1109	0

AVERAGE HS(M) = 1.17 LARGEST HS(M) = 4.45 ANGLE CLASS % = 7.0

STATION 32 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHOPLINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	554	614	1144	123	432	674	23	.	.	.	2297
0.50-0.99	.	518	184	751	18	840	44	.	.	.	2687
1.00-1.49	.	.	.	47	169	539	130	.	.	.	1773
1.50-1.99	407	241	154	.	.	.	1049
2.00-2.49	114	799	319	15	.	.	1247
2.50-2.99	140	345	123	.	.	609
3.00-3.49	3	41	207	1	.	299
3.50-3.99	39	42	.	133
4.00-4.49	1	23	.	24
4.50-4.99	3	3
5.00- GREATER	0
TOTAL	554	1132	1328	921	1140	3436	1059	385	156	12	

AVERAGE HS(M) = 1.26 LARGEST HS(M) = 4.58 ANGLE CLASS % = 10.1

STATION 32 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHOPLINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	660	987	15	795	213	473	6	.	.	.	2354
0.50-0.99	.	410	1668	918	224	1208	77	1	.	.	4383
1.00-1.49	.	.	143	35	720	1081	160	3	.	.	3025
1.50-1.99	253	1057	263	8	.	.	1616
2.00-2.49	44	318	229	65	1	.	657
2.50-2.99	1	18	34	39	5	.	97
3.00-3.49	1	1	10	3	.	15
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	660	1397	1826	1748	1455	4156	770	126	9	0	

AVERAGE HS(M) = 1.02 LARGEST HS(M) = 3.39 ANGLE CLASS % = 12.2

STATION 32 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHOPLINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2087	3649	3530	3713	1036	20	.	.	.	.	14035
0.50-0.99	.	51	975	2467	639	35	.	.	.	.	4167
1.00-1.49	.	.	6	263	112	3	.	.	.	.	384
1.50-1.99	6
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2087	3700	4511	6443	1793	58	0	0	0	0	

AVERAGE HS(M) = 0.36 LARGEST HS(M) = 1.81 ANGLE CLASS % = 18.6

STATION 32 20 YEARS FOR ALL DIRECTIONS
 SHOELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCUPRECE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

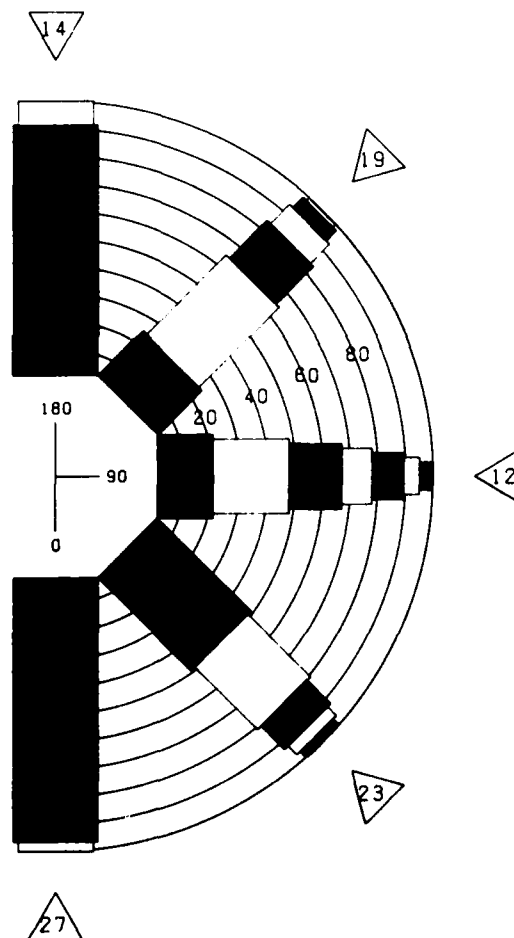
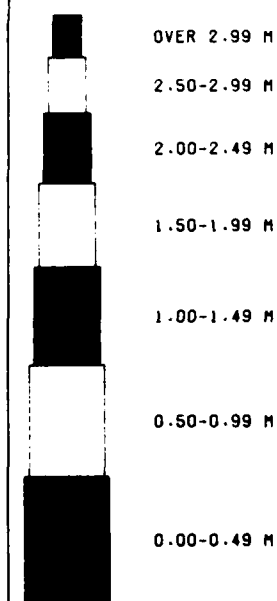
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.50	969	1626	1152	881	479	551	240	24	28	123	6073
1.00	.	185	681	439	175	335	140	24	28	123	2097
1.50	.	.	60	312	153	335	70	9	28	123	892
2.00	.	.	.	14	136	208	61	6	28	123	435
2.50	30	180	77	11	28	123	303
3.00	30	56	21	11	2	110
3.50	9	5	10	1	43
4.00	2	1	15
4.50	3
5.00	0
TOTAL	969	1811	1873	1646	903	1600	693	129	118	227	
AVE HS(M) = 0.56 LARGEST HS(M) = 4.58 TOTAL CASES = 58440											

STATION 32

20 YEARS

SHORELINE ANGLE = 326°

WATER DEPTH = 10 M



MEAN HS(METRES) BY MONTH AND YEAR

STATION 32

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.9	0.9	0.8	0.5	0.3	0.2	0.2	0.4	0.6	0.9	0.6	0.6	0.7
1957	0.7	0.7	1.2	0.5	0.4	0.3	0.2	0.4	0.3	0.6	0.5	0.7	0.5
1958	1.0	0.7	1.2	0.9	0.4	0.7	0.2	0.3	0.4	0.8	0.5	0.8	0.7
1959	0.6	0.6	0.7	0.8	0.2	0.3	0.1	0.4	0.3	0.2	0.9	0.2	0.5
1960	0.7	0.8	1.0	0.4	0.3	0.5	0.2	0.3	0.5	0.6	0.4	0.6	0.5
1961	0.7	0.6	0.8	0.6	0.4	0.1	0.2	0.2	0.9	1.4	1.1	0.7	0.7
1962	0.5	1.1	1.5	0.4	0.3	0.2	0.2	0.5	0.5	0.5	1.2	0.9	0.7
1963	0.7	0.5	0.6	0.5	0.5	0.3	0.1	0.2	0.9	0.6	0.7	0.6	0.5
1964	0.8	0.8	0.7	0.4	0.3	0.2	0.4	0.3	0.7	0.6	0.6	0.8	0.5
1965	1.0	0.7	0.6	0.6	0.2	0.4	0.1	0.1	0.4	0.3	0.5	0.5	0.4
1966	1.0	0.5	0.4	0.4	0.3	0.3	0.1	0.1	0.5	0.3	0.9	0.9	0.5
1967	0.5	0.8	0.9	1.0	0.6	0.7	0.2	0.2	0.6	0.4	0.5	1.0	0.6
1968	0.9	0.7	0.7	0.7	0.5	0.4	0.4	0.3	0.3	0.4	0.8	0.6	0.6
1969	0.8	1.7	0.9	0.4	0.4	0.2	0.5	0.2	0.5	0.6	0.8	1.1	0.7
1970	0.7	0.6	0.6	0.6	0.5	0.3	0.1	0.4	0.3	0.6	0.7	1.1	0.5
1971	0.6	0.6	0.5	0.5	0.3	0.2	0.1	0.2	0.3	0.5	0.7	0.8	0.4
1972	0.5	0.9	0.7	0.5	0.6	0.4	0.1	0.2	0.6	0.7	1.0	0.9	0.6
1973	0.6	1.3	1.1	0.5	0.5	0.3	0.2	0.3	0.3	0.6	0.4	0.8	0.6
1974	0.6	1.0	0.6	0.4	0.4	0.3	0.1	0.2	0.6	0.5	0.9	0.9	0.6
1975	1.0	0.7	1.0	0.7	0.3	0.4	0.3	0.2	0.4	0.6	0.6	1.4	0.6
MEAN	0.8	0.8	0.8	0.6	0.4	0.3	0.2	0.3	0.5	0.6	0.7	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 32

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.5	2.4	3.3	2.6	2.0	1.0	1.4	2.6	3.2	2.9	2.1	2.8
1957	2.7	2.7	3.4	3.0	2.0	0.9	0.9	1.4	1.4	2.4	2.2	3.4
1958	2.8	2.6	3.6	4.1	2.4	1.4	0.6	1.3	2.2	2.7	2.3	3.0
1959	2.0	2.2	2.7	2.3	0.8	1.1	1.1	2.1	2.2	2.5	2.6	3.0
1960	2.3	2.4	4.2	2.5	1.0	2.7	1.2	1.9	2.1	3.2	2.5	3.5
1961	3.5	3.9	2.6	2.5	2.1	0.8	1.1	0.9	3.2	3.9	2.9	2.3
1962	2.7	3.4	4.6	2.1	1.8	1.2	1.1	2.8	3.4	2.9	3.9	3.6
1963	2.6	2.3	2.5	2.1	2.4	1.9	0.6	1.1	2.9	3.6	2.5	2.4
1964	3.5	2.9	2.8	2.2	1.3	0.8	2.0	1.9	2.7	2.0	1.9	2.8
1965	3.1	2.5	2.4	2.0	1.1	2.5	0.9	0.8	1.6	1.8	2.1	1.8
1966	3.0	1.8	1.7	2.4	1.3	1.2	1.1	1.2	2.3	1.2	2.3	2.8
1967	2.3	2.8	3.3	4.1	3.5	1.9	0.7	1.3	2.8	2.9	2.2	3.5
1968	3.0	3.5	3.6	2.6	2.2	1.8	0.9	1.3	1.7	2.1	3.3	2.2
1969	2.0	4.0	3.5	2.2	2.4	1.1	2.0	1.0	2.4	2.5	2.9	3.2
1970	2.3	2.6	2.7	2.3	1.8	1.4	0.6	2.4	1.3	2.5	2.9	3.3
1971	2.4	2.2	3.3	2.4	1.2	0.9	0.6	2.2	1.1	2.6	2.5	2.4
1972	2.4	4.0	2.6	2.3	3.1	2.2	1.0	1.5	2.8	2.3	2.6	3.0
1973	2.4	3.9	4.1	2.7	1.5	1.5	1.7	1.5	2.1	2.9	2.0	3.1
1974	2.6	3.9	2.8	2.5	1.5	1.4	0.8	1.3	2.2	2.2	3.7	3.0
1975	3.6	2.5	2.8	4.0	2.8	2.1	2.9	2.2	2.0	2.7	3.2	3.7

LARGEST HS(METRES) FOR STATION 32 = 4.6

STATION 33 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 98.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1605	3045	2298	2825	961	70	.	.	.	.	10804
0.50 - 0.99	.	260	1700	1591	547	393	.	.	.	.	4197
1.00 - 1.49	.	.	53	191	160	63	.	.	.	.	467
1.50 - 1.99	8	.	.	.	.	.	8
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1605	3305	4057	4307	1676	526	0	0	0	0	0

AVERAGE HS(M) = 0.38 LARGEST HS(M) = 1.97 ANGLE CLASS % = 15.5

STATION 33 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 98.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	912	1404	3035	479	604	482	20	1	1	.	3422
0.50 - 0.99	.	1293	460	1555	564	1459	189	10	1	.	6726
1.00 - 1.49	.	.	1	118	593	2154	592	71	5	.	5406
1.50 - 1.99	73	1274	540	140	11	.	2676
2.00 - 2.49	355	364	162	11	.	965
2.50 - 2.99	17	87	164	34	.	267
3.00 - 3.49	18	3	.	57
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	912	2697	3496	2152	2099	5751	1792	525	91	6	0

AVERAGE HS(M) = 1.05 LARGEST HS(M) = 3.57 ANGLE CLASS % = 19.5

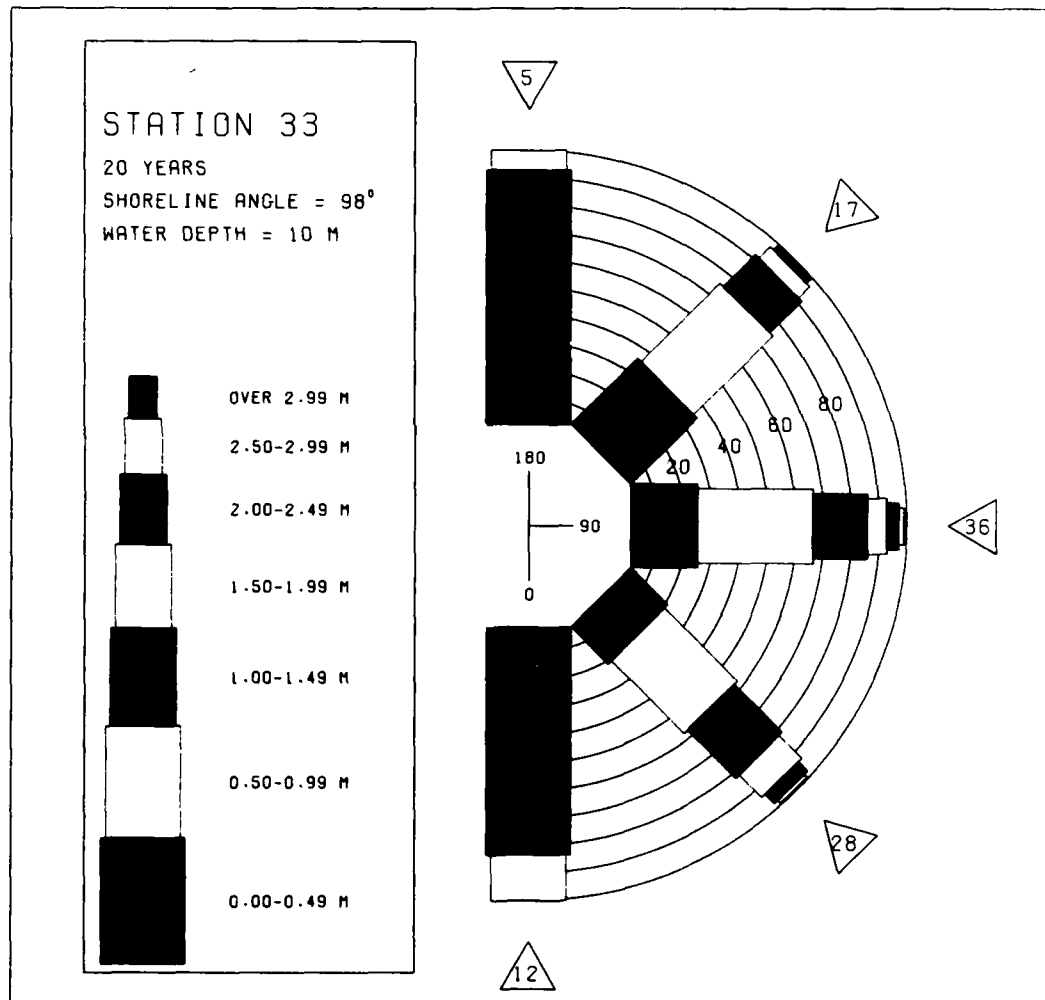
STATION 33 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 98.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	621	968	1882	126	1642	2316	414	42	42	1	6046
0.50 - 0.99	.	1062	337	1056	364	2856	1610	145	114	17	10176
1.00 - 1.49	.	.	.	107	179	2138	1260	147	107	29	5223
1.50 - 1.99	468	720	809	34	123	.	2261
2.00 - 2.49	95	648	499	71	78	10	1401
2.50 - 2.99	88	325	114	42	3	572
3.00 - 3.49	27	109	56	.	197
3.50 - 3.99	23	65	3	123
4.00 - 4.49	15	.	50
4.50 - 4.99	1
5.00 - GREATER	0
TOTAL	621	2030	2219	1329	2748	10766	4974	685	642	121	0

AVERAGE HS(M) = 0.99 LARGEST HS(M) = 5.23 ANGLE CLASS % = 26.2

STATION 33 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 98.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	491	834	360	409	541	522	182	19	10	30	3398
0.50-0.99	.	419	990	279	158	865	359	54	19	15	3477
1.00-1.49	.	.	136	430	134	555	255	46	26	15	1685
1.50-1.99	.	.	.	35	162	250	165	26	19	23	677
2.00-2.49	31	159	107	26	10	4	333
2.50-2.99	20	4	3	7	2	151
3.00-3.49	14
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	491	1253	1486	1153	1026	2337	1124	220	110	534	
AVE HS(M) = 0.80 LARGEST HS(M) = 5.23 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 33

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.9	0.9	1.1	0.8	0.8	0.8	0.6	0.5	0.7	0.7	0.9	0.8
1957	0.7	0.7	0.9	0.9	0.7	0.5	0.7	0.5	0.6	0.6	1.1	1.4	0.8
1958	1.0	1.0	0.9	0.9	0.7	1.0	0.8	0.7	0.6	0.8	1.0	0.7	0.8
1959	1.1	1.0	1.0	0.8	0.6	0.6	0.8	0.5	0.4	0.9	1.3	0.9	0.8
1960	0.7	1.2	0.7	1.1	0.6	0.5	0.6	0.6	0.6	0.7	0.8	0.8	0.7
1961	0.9	0.9	0.7	1.1	0.8	0.9	0.6	0.6	0.8	0.7	0.5	0.9	0.8
1962	1.1	0.7	0.6	1.1	0.4	0.6	0.7	0.5	0.5	0.8	0.8	1.7	0.8
1963	1.3	1.2	1.3	1.1	1.2	1.0	1.0	1.0	0.8	0.9	1.3	1.0	1.1
1964	1.3	1.0	1.0	0.8	0.8	0.6	0.7	0.7	0.6	0.6	0.9	1.0	0.8
1965	0.7	0.9	0.6	0.5	0.5	0.6	0.7	0.6	0.4	0.9	1.0	0.7	0.7
1966	0.8	0.8	0.8	0.5	0.7	0.8	0.6	0.6	0.8	0.7	0.6	0.8	0.7
1967	0.9	0.9	0.6	0.5	1.0	0.8	0.9	0.8	0.6	0.7	0.8	0.7	0.8
1968	0.6	0.9	1.0	0.6	0.7	0.7	0.5	0.5	0.4	0.7	0.8	1.1	0.7
1969	0.9	0.5	0.7	0.9	0.9	0.5	0.5	0.7	0.4	0.6	1.0	1.0	0.7
1970	0.7	1.4	1.0	0.8	0.8	0.8	0.9	0.7	0.7	0.6	0.6	0.8	0.8
1971	0.9	1.2	1.1	0.9	1.0	0.6	0.8	0.6	0.4	0.6	0.6	0.8	0.8
1972	1.1	1.1	1.2	0.8	0.8	0.9	0.6	0.6	0.5	0.8	0.8	1.0	0.8
1973	1.1	0.7	0.7	1.1	1.0	0.8	0.7	0.6	0.5	0.7	1.6	1.8	0.9
1974	0.9	0.9	1.6	1.6	0.7	0.6	0.6	0.5	0.5	0.5	0.9	0.9	0.9
1975	0.8	0.7	0.7	0.8	0.3	0.6	0.8	0.3	0.4	0.5	1.0	1.4	0.7
MEAN	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.6	0.5	0.7	0.9	1.0	

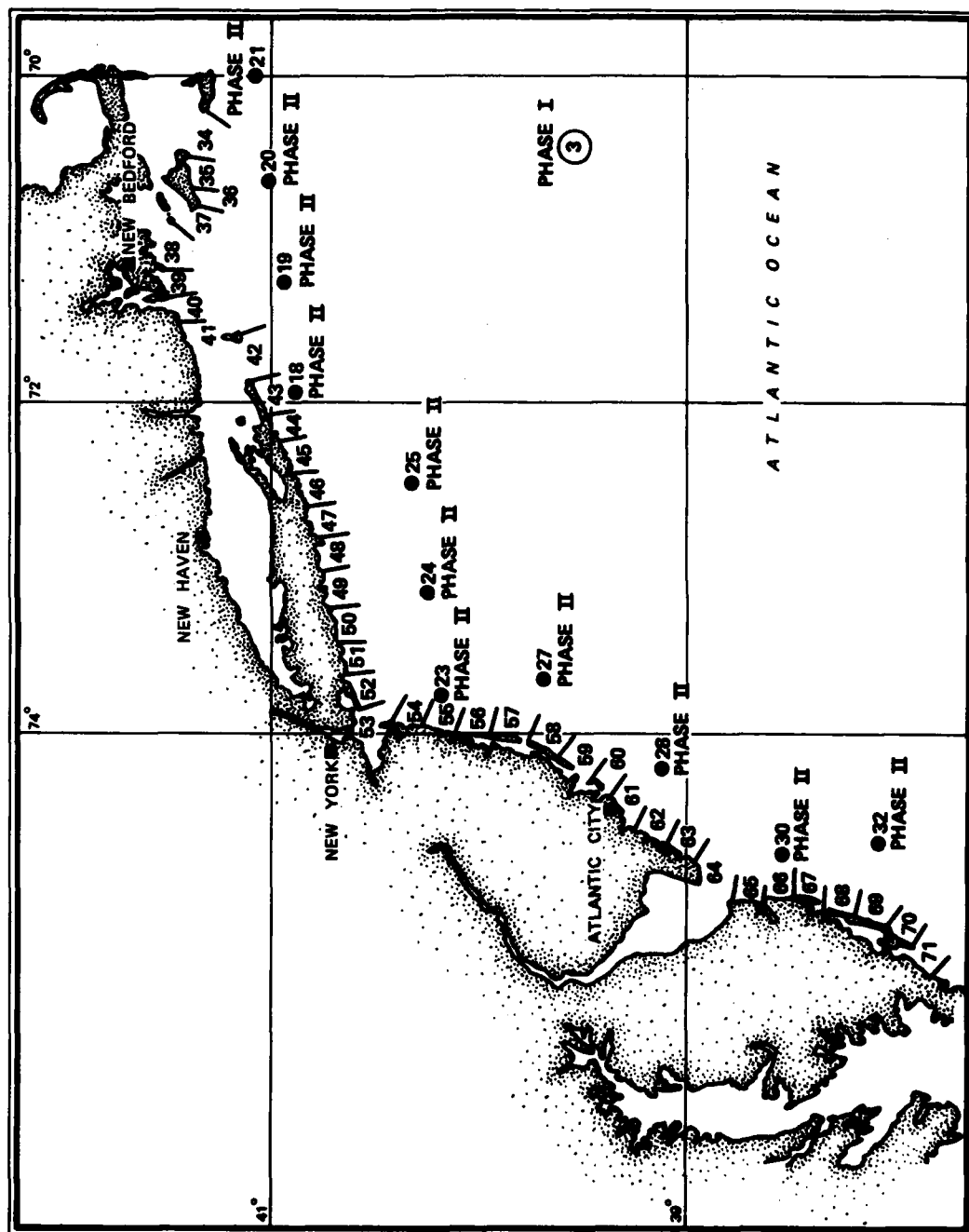
LARGEST HS(METRES) BY MONTH AND YEAR

STATION 33

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.6	3.1	2.7	3.7	2.1	2.2	2.8	1.4	1.5	1.7	2.7	2.9	
1957	2.7	2.0	3.2	2.9	2.1	2.6	1.9	1.4	2.1	1.7	2.5	2.9	
1958	2.8	3.8	3.2	2.6	1.7	2.0	1.6	2.3	2.1	1.9	2.5	2.2	
1959	3.4	2.5	3.4	2.5	1.6	1.7	2.4	1.7	1.2	2.5	2.9	3.6	
1960	2.5	4.1	2.3	3.0	1.4	1.7	2.8	1.9	2.5	2.6	2.4	2.6	
1961	2.5	3.8	2.9	2.9	3.0	2.1	1.5	1.4	3.5	2.3	1.9	2.9	
1962	3.3	2.6	2.7	3.0	2.0	1.6	2.1	2.0	2.0	2.7	2.7	4.4	
1963	2.9	2.8	2.9	2.4	2.7	1.8	1.7	2.7	2.5	2.0	3.8	3.0	
1964	3.3	2.9	2.5	2.5	2.3	1.5	1.7	2.2	2.5	2.0	2.8	2.5	
1965	2.4	2.8	1.9	1.9	1.0	1.3	1.7	1.7	1.3	2.6	2.6	2.0	
1966	3.9	2.8	2.1	1.3	2.4	2.4	2.1	2.4	2.4	2.2	2.7	3.4	
1967	2.7	3.1	2.3	2.0	3.0	1.5	2.0	1.5	1.9	3.4	2.4	3.0	
1968	2.2	2.1	3.6	2.7	2.1	2.2	1.3	1.4	1.7	2.0	3.3	3.4	
1969	2.1	2.0	2.5	2.4	2.9	1.1	1.3	2.2	2.2	2.1	3.0	4.1	
1970	2.6	3.5	2.7	3.9	2.1	1.7	1.9	1.8	2.8	2.3	2.3	3.8	
1971	3.7	3.0	4.2	3.3	2.5	1.3	2.1	2.2	1.3	2.5	2.4	2.6	
1972	2.7	4.1	3.3	1.8	2.4	3.2	1.5	1.8	3.6	2.6	4.4	3.6	
1973	3.8	4.1	4.0	2.6	2.3	2.0	2.2	2.1	2.1	3.2	4.2	5.2	
1974	2.8	4.1	4.1	3.3	2.3	1.9	1.8	2.3	2.5	2.2	2.7	2.9	
1975	2.8	3.9	3.3	3.1	1.5	2.0	2.0	1.2	2.4	1.6	3.1	3.5	

LARGEST HS(METRES) FOR STATION 33 = 5.2



MEAN HS(METRES) BY MONTH AND YEAR

STATION 34

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.5	1.0	0.9	1.1	0.8	0.8	0.9	0.6	0.5	0.6	0.8	0.9	0.8
1957	0.8	0.8	0.8	0.9	0.7	0.5	0.8	0.5	0.6	0.6	1.1	1.4	0.8
1958	1.0	1.1	0.9	0.9	0.6	0.9	0.8	0.7	0.6	0.8	1.0	0.8	0.8
1959	1.2	1.0	1.1	0.8	0.6	0.7	0.8	0.5	0.4	0.9	1.2	0.9	0.8
1960	0.8	1.3	0.8	1.1	0.6	0.5	0.6	0.6	0.5	0.7	0.9	0.8	0.8
1961	0.9	0.9	0.8	1.1	0.8	0.9	0.6	0.6	0.8	0.8	0.5	1.0	0.8
1962	1.2	0.7	0.7	1.1	0.4	0.6	0.7	0.5	0.5	0.8	0.8	1.7	0.8
1963	1.3	1.3	1.3	1.1	1.1	1.0	1.0	1.0	0.8	0.9	1.3	1.1	1.1
1964	1.3	1.1	1.0	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.9	1.0	0.9
1965	0.7	1.0	0.7	0.5	0.5	0.6	0.7	0.6	0.4	0.9	1.0	0.7	0.7
1966	0.8	0.8	0.8	0.5	0.7	0.8	0.7	0.7	0.8	0.7	0.6	0.9	0.7
1967	1.0	0.9	0.6	0.6	0.9	0.8	0.9	0.8	0.6	0.7	0.9	0.7	0.8
1968	0.6	1.0	1.0	0.6	0.7	0.7	0.5	0.5	0.4	0.7	0.8	1.2	0.7
1969	0.9	0.5	0.7	0.9	0.9	0.5	0.5	0.7	0.4	0.6	1.0	1.0	0.7
1970	0.8	1.5	1.0	0.8	0.8	0.8	0.9	0.7	0.7	0.6	0.6	0.9	0.8
1971	1.0	1.2	1.2	1.0	1.0	0.6	0.8	0.6	0.4	0.6	0.6	0.9	0.8
1972	1.2	1.2	1.2	0.8	0.8	0.8	0.6	0.6	0.5	0.8	0.9	1.0	0.8
1973	1.2	0.7	0.7	1.1	0.9	0.8	0.7	0.6	0.6	0.8	1.7	1.8	1.0
1974	1.0	0.9	1.7	1.6	0.7	0.6	0.6	0.5	0.5	0.5	0.9	0.9	0.9
1975	0.8	0.7	0.8	0.8	0.3	0.6	0.8	0.3	0.4	0.5	1.0	1.2	0.7
MEAN	0.9	1.0	0.9	0.9	0.7	0.7	0.7	0.6	0.5	0.7	0.9	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 34

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.6	3.3	2.7	3.7	2.1	2.2	2.8	1.4	1.3	1.9	2.8	2.9	
1957	2.7	2.1	3.2	3.1	2.1	2.7	1.9	1.5	2.2	1.9	2.5	3.0	
1958	2.8	3.8	3.1	2.7	1.7	2.0	1.7	2.3	2.2	2.1	2.5	2.2	
1959	3.4	2.5	3.4	2.5	1.7	1.9	2.4	1.7	1.3	2.3	3.2	3.9	
1960	2.6	4.3	2.2	3.0	1.5	1.7	2.8	1.9	2.5	2.8	2.4	2.6	
1961	2.5	3.9	2.9	2.9	3.2	2.1	1.5	1.4	3.5	2.5	2.2	3.0	
1962	3.3	2.6	2.7	3.0	2.0	1.7	2.1	2.1	2.0	2.7	2.8	4.3	
1963	3.0	2.8	2.9	2.6	2.7	1.9	1.9	2.7	2.5	2.1	3.8	3.1	
1964	3.5	2.9	2.6	2.6	2.3	1.5	1.7	2.2	2.5	2.1	2.8	2.6	
1965	2.6	2.8	2.0	1.9	1.1	1.3	1.7	1.9	1.2	2.7	2.7	2.1	
1966	3.9	2.8	2.1	1.3	2.5	2.4	2.1	2.4	2.3	2.4	2.7	3.7	
1967	2.8	3.1	2.4	2.1	2.7	1.5	2.0	1.6	1.8	3.5	2.4	2.9	
1968	2.3	2.3	3.6	2.7	2.0	2.2	1.5	1.4	1.7	2.1	3.3	3.7	
1969	2.4	2.3	2.5	2.5	2.9	1.1	1.4	2.2	2.2	2.2	3.0	4.2	
1970	2.6	3.5	2.7	3.9	2.1	1.7	1.9	1.9	2.9	2.4	2.3	3.9	
1971	3.7	3.0	4.4	3.3	2.5	1.4	2.1	2.3	1.3	2.6	2.4	2.6	
1972	2.9	4.1	3.4	1.8	2.4	3.1	1.5	1.8	3.6	2.6	4.5	3.6	
1973	3.8	4.1	4.0	2.6	2.3	2.0	2.2	2.1	2.2	3.3	4.2	5.2	
1974	3.0	4.3	4.2	3.4	2.3	1.9	1.8	2.3	2.5	2.2	2.8	2.9	
1975	2.8	3.9	3.1	3.3	1.5	2.0	2.1	1.2	2.4	1.7	3.1	3.6	

LARGEST HS(METRES) FOR STATION 34 = 5.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 35

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.7	0.9	0.8	1.1	0.7	0.9	0.8	0.5	0.4	0.6	0.7	0.8	0.7
1957	0.6	0.7	0.5	0.8	0.6	0.5	0.7	0.5	0.5	0.5	1.0	1.3	0.7
1958	0.9	0.8	0.8	0.8	0.6	0.7	0.7	0.6	0.5	0.6	0.9	0.6	0.7
1959	0.9	0.9	0.9	0.7	0.5	0.6	0.7	0.5	0.3	0.8	0.8	0.8	0.7
1960	0.6	1.1	0.6	1.0	0.6	0.6	0.5	0.6	0.5	0.6	0.7	0.7	0.7
1961	0.7	0.8	0.7	1.0	0.8	0.9	0.6	0.6	0.9	0.8	0.4	0.8	0.7
1962	1.0	0.7	0.6	1.0	0.4	0.5	0.6	0.5	0.5	0.7	0.7	1.6	0.7
1963	1.1	1.1	1.2	0.9	1.0	0.9	0.9	0.9	0.7	0.8	1.3	0.8	1.0
1964	1.1	0.9	1.0	0.8	0.7	0.6	0.6	0.6	0.7	0.6	0.8	0.9	0.8
1965	0.6	0.8	0.6	0.5	0.5	0.6	0.6	0.6	0.4	0.8	0.8	0.6	0.6
1966	0.7	0.7	0.7	0.5	0.7	0.8	0.6	0.6	0.7	0.6	0.6	0.7	0.7
1967	0.8	0.8	0.7	0.5	0.8	0.5	0.7	0.6	0.5	0.7	0.7	0.7	0.7
1968	0.5	0.7	0.9	0.6	0.6	0.6	0.3	0.4	0.3	0.6	0.7	1.0	0.6
1969	0.6	0.4	0.6	0.8	0.8	0.5	0.5	0.7	0.4	0.5	0.9	0.9	0.6
1970	0.6	1.4	0.8	0.8	0.7	0.7	0.9	0.7	0.6	0.5	0.7	0.7	0.3
1971	0.8	1.1	1.0	0.9	1.1	0.6	0.8	0.7	0.4	0.6	0.6	0.7	0.3
1972	0.9	1.1	1.0	0.7	0.8	0.8	0.6	0.5	0.5	0.7	0.8	0.9	0.8
1973	0.9	0.6	0.7	1.0	0.8	0.7	0.6	0.5	0.5	0.7	1.4	1.8	0.9
1974	0.9	0.8	1.6	1.5	0.6	0.5	0.5	0.5	0.5	0.4	0.8	0.8	0.8
1975	0.7	0.6	0.7	0.7	0.3	0.6	0.7	0.3	0.4	0.4	0.9	1.0	0.6
MEAN	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.5	0.6	0.8	0.9	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 35

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.2	2.8	2.7	4.0	2.0	2.2	2.7	1.3	1.6	1.6	2.6	2.6	
1957	2.5	2.1	2.6	2.9	1.7	2.4	1.7	1.4	2.1	1.6	2.6	2.9	
1958	2.6	3.6	3.3	2.4	1.7	1.9	1.6	2.3	2.0	2.1	2.4	2.0	
1959	3.4	2.4	3.3	2.4	1.6	1.8	2.4	1.8	1.1	2.8	3.1	3.1	
1960	2.4	4.0	2.6	2.9	1.2	2.0	3.1	1.7	2.6	2.6	2.4	2.5	
1961	2.3	3.7	2.9	2.8	2.9	2.0	1.3	1.4	4.1	2.1	1.4	2.6	
1962	3.2	2.1	2.8	3.1	1.6	1.6	1.9	2.0	1.8	2.6	2.9	4.5	
1963	2.6	2.6	2.8	2.1	2.6	1.7	1.7	2.7	2.4	1.5	3.7	2.8	
1964	3.2	3.4	2.4	2.4	1.9	1.4	1.6	2.3	2.2	1.5	2.8	2.3	
1965	2.3	2.7	1.9	1.9	1.0	1.6	1.6	1.3	1.2	2.5	2.5	2.0	
1966	3.5	2.7	1.9	1.6	2.3	2.4	2.1	2.0	2.4	2.0	2.6	3.4	
1967	2.5	2.8	2.4	2.2	2.4	1.6	1.7	1.5	2.0	2.9	2.1	2.8	
1968	2.4	1.7	3.0	2.5	2.3	1.7	1.1	1.4	2.4	1.6	3.2	2.9	
1969	1.9	2.3	2.7	2.4	2.9	1.2	1.2	2.4	2.3	1.9	3.1	3.7	
1970	2.5	3.2	2.4	3.6	2.1	1.6	1.9	1.8	2.5	2.5	2.4	3.5	
1971	3.7	3.5	4.2	3.2	2.7	1.2	2.2	2.2	1.4	2.3	2.4	2.2	
1972	2.4	4.1	3.7	2.0	2.4	2.9	1.4	1.7	3.5	2.5	4.1	3.5	
1973	3.5	4.1	4.0	2.8	2.5	2.1	2.4	2.1	2.0	2.7	3.7	5.1	
1974	2.6	3.6	3.7	3.2	2.3	1.7	1.6	2.2	2.5	2.1	2.4	3.0	
1975	3.0	3.9	3.4	3.0	1.4	2.1	2.1	1.1	2.3	1.4	2.8	3.3	

LARGEST HS(METRES) FOR STATION 35 = 5.1

STATION 36 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1878	4031	2648	1324	1055	2484	23	5	1	.	13448
0.50 - 0.99	.	525	2876	1406	458	597	22	1	1	.	5886
1.00 - 1.49	.	.	49	222	140	27	.	.	.	.	438
1.50 - 1.99	5	.	.	.	.	.	30
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1878	4556	5573	2952	1658	3108	45	6	1	0	0

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 1.61 ANGLE CLASS % = 19.8

STATION 36 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	917	1579	2568	527	4479	4697	1652	169	1	.	13494
0.50 - 0.99	.	1199	325	1257	484	5843	3138	352	58	.	14169
1.00 - 1.49	.	.	325	58	686	1543	1305	195	88	1	5400
1.50 - 1.99	357	682	506	128	88	8	1827
2.00 - 2.49	44	236	205	90	54	10	639
2.50 - 2.99	15	54	42	23	10	144
3.00 - 3.49	3	13	5	6	27
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	917	2778	2893	1842	6050	13016	6863	989	317	35	0

AVERAGE HS(M) = 0.73 LARGEST HS(M) = 3.42 ANGLE CLASS % = 35.7

STATION 36 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

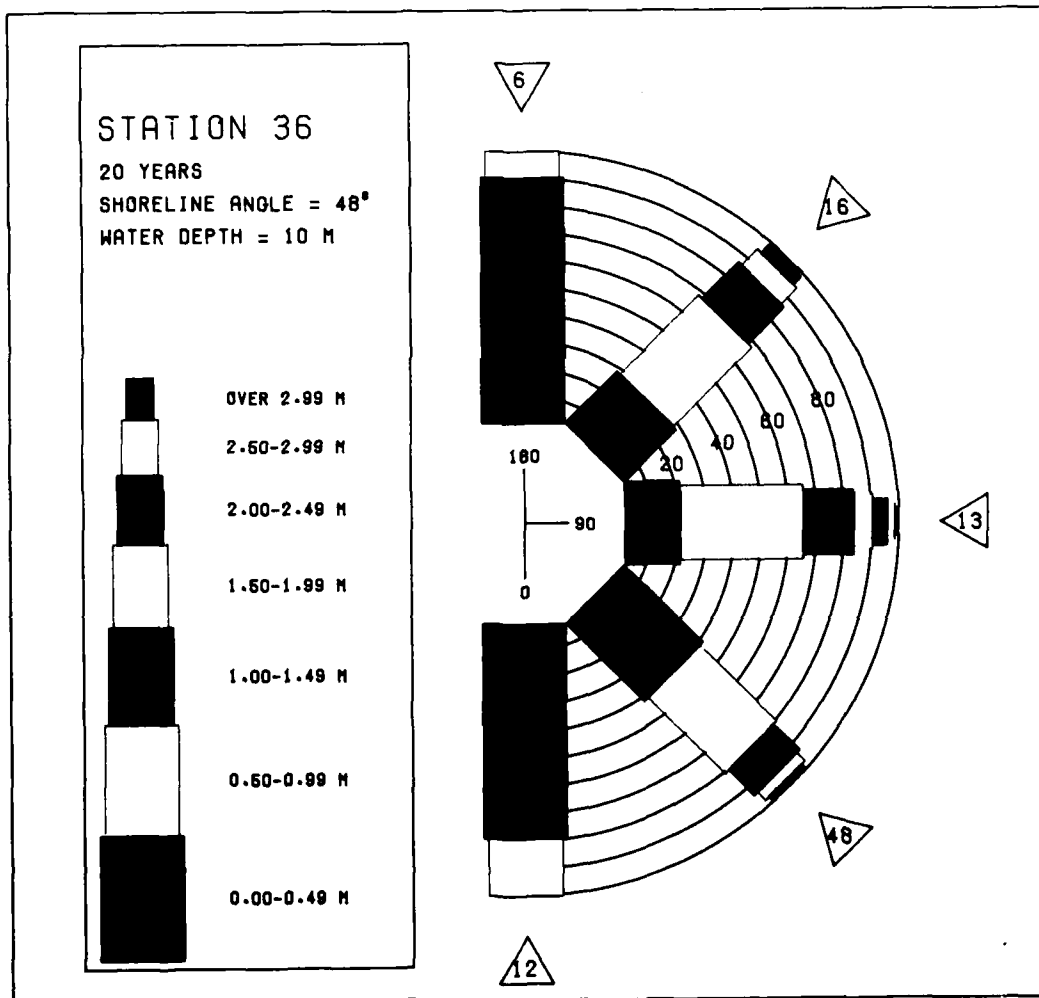
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	420	564	929	54	843	836	458	77	525	278	4001
0.50 - 0.99	.	586	196	605	23	179	807	205	217	317	2181
1.00 - 1.49	.	.	1	56	241	145	142	25	177	176	2076
1.50 - 1.99	.	.	.	1	82	335	37	18	88	176	712
2.00 - 2.49	80	82	42	17	1	228
2.50 - 2.99	13	58	10	1	86
3.00 - 3.49	6	8	.	14
3.50 - 3.99	1
4.00 - 4.49	1
4.50 - 4.99	1
5.00 - GREATER	1
TOTAL	420	1150	1126	716	1268	1668	1617	431	1049	4411	0

AVERAGE HS(M) = 0.84 LARGEST HS(M) = 5.07 ANGLE CLASS % = 13.9

STATION 36 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	439	844	410	350	823	934	274	36	62	42	4214
0.50-0.99	..	328	893	331	122	790	497	70	54	408	3443
1.00-1.49	93	355	143	221	189	31	30	133	1195
1.50-1.99	18	107	135	83	19	31	45	428
2.00-2.49	23	109	48	12	10	21	223
2.50-2.99	19	29	13	3	5	39
3.00-3.49	4	11	2	3	20
3.50-3.99	1	1	1	3
4.00-4.49	1
4.50-4.99	1
5.00- GREATER	0
TOTAL	439	1172	1396	1054	1218	2208	1124	193	183	659	

AVE HS(M) = 0.66 LARGEST HS(M) = 5.07 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 36

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.6	0.9	0.8	1.0	0.6	0.8	0.7	0.5	0.5	0.8	0.7	0.7	0.8
1957	0.5	0.7	0.7	0.6	0.5	0.4	0.6	0.5	0.5	0.5	0.8	1.0	0.6
1958	0.7	0.5	0.7	0.8	0.6	0.6	0.6	0.5	0.4	0.7	0.6	0.5	0.6
1959	0.6	0.6	0.7	0.7	0.4	0.4	0.6	0.5	0.3	0.8	0.7	0.6	0.6
1960	0.4	0.9	0.5	0.8	0.5	0.9	0.6	0.6	0.6	0.6	0.6	0.4	0.6
1961	0.6	0.7	0.6	0.8	0.7	0.8	0.5	0.5	1.0	1.1	0.9	0.6	0.7
1962	0.8	0.8	1.4	1.0	0.4	0.4	0.5	0.5	0.4	0.6	0.8	1.5	0.8
1963	0.9	0.9	1.1	0.7	1.0	0.8	0.8	0.8	1.0	0.8	1.0	0.6	0.9
1964	0.8	0.7	0.8	0.7	0.7	0.5	0.6	0.5	0.8	0.6	0.6	0.8	0.7
1965	0.7	0.7	0.6	0.5	0.4	0.6	0.6	0.5	0.4	0.6	0.6	0.5	0.6
1966	0.6	0.5	0.5	0.5	0.8	0.7	0.5	0.5	0.7	0.4	0.7	0.6	0.6
1967	0.7	0.6	1.0	0.7	0.8	0.5	0.6	0.6	0.6	0.6	0.5	0.6	0.6
1968	0.4	0.4	0.7	0.6	0.6	0.5	0.3	0.3	0.3	0.4	0.6	0.6	0.5
1969	0.5	1.1	1.1	0.9	0.7	0.4	0.5	0.6	0.5	0.4	0.9	0.7	0.7
1970	0.4	1.1	0.7	0.7	0.7	0.6	0.8	0.6	0.4	0.6	0.7	0.6	0.7
1971	0.5	0.9	0.7	0.7	1.0	0.5	0.7	0.6	0.4	0.8	0.6	0.6	0.7
1972	0.7	1.0	0.9	0.6	0.8	0.8	0.5	0.5	0.6	0.6	0.8	0.8	0.7
1973	0.6	1.0	0.8	0.8	0.8	0.6	0.5	0.5	0.4	0.6	0.9	1.5	0.8
1974	0.7	0.8	1.4	1.2	0.5	0.5	0.4	0.6	0.5	0.3	0.7	0.6	0.7
1975	0.8	0.5	0.7	0.6	0.3	0.5	0.8	0.3	0.4	0.4	0.7	1.0	0.6
MEAN	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.6	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 36

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	4.3	2.5	2.9	3.4	1.8	1.9	2.2	1.8	2.8	2.3	2.5	2.3	
1957	2.1	2.1	2.6	2.6	1.2	2.2	1.4	1.4	1.8	1.9	2.5	2.6	
1958	2.8	3.5	3.5	2.5	1.5	1.5	1.3	2.0	1.7	2.5	2.4	2.2	
1959	3.0	2.3	3.2	2.4	1.1	1.2	2.4	1.4	1.0	3.1	2.9	2.7	
1960	2.2	3.4	2.4	2.6	1.2	2.0	2.8	1.8	2.6	2.4	1.8	2.7	
1961	2.6	2.9	2.9	2.4	2.7	1.8	1.2	1.3	3.9	2.5	2.1	2.2	
1962	2.4	2.3	3.4	2.7	1.3	1.4	1.6	2.3	2.1	2.7	2.9	4.0	
1963	2.5	2.4	2.5	1.9	2.5	1.6	1.6	2.7	2.3	2.2	3.3	2.5	
1964	2.9	2.9	2.4	2.1	1.5	1.2	2.0	2.2	2.3	1.7	2.7	2.1	
1965	2.9	2.6	2.0	2.0	1.0	2.1	1.3	1.0	1.3	2.3	2.2	2.0	
1966	3.0	2.4	2.1	2.1	2.0	2.4	2.0	1.8	2.5	1.3	2.5	3.3	
1967	2.4	2.1	2.8	2.2	2.5	1.7	1.3	1.3	2.4	2.3	2.0	2.3	
1968	2.5	1.8	3.3	2.0	2.6	1.6	0.8	1.3	2.4	1.6	3.1	2.3	
1969	2.1	2.6	3.0	1.9	2.6	1.2	1.1	2.1	2.0	1.3	2.9	3.5	
1970	1.8	3.1	2.1	3.0	1.9	1.5	1.7	1.7	1.9	2.7	2.4	3.4	
1971	3.3	3.1	3.7	2.8	2.4	1.0	1.7	2.1	1.4	2.4	2.6	1.6	
1972	2.2	4.1	3.2	2.0	2.4	2.9	1.3	1.4	3.5	2.4	3.1	3.5	
1973	3.1	3.4	3.0	2.8	2.1	2.0	2.0	2.1	1.6	3.0	2.6	5.1	
1974	2.4	3.0	3.2	2.7	2.1	1.4	1.3	1.8	2.3	1.8	2.2	3.0	
1975	3.1	2.8	3.5	2.6	1.3	2.0	2.1	0.9	1.7	2.2	2.5	3.4	

LARGEST HS(METRES) FOR STATION 36 = 5.1

STATION 37 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 143.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-	0.49	1836	3437	398		3473	4024	1004	100	554	1066	15892	
0.50	0.49		1132	4719	1281	554	5523	2493	270	2852	2640	18868	
1.00	0.49			246	1629	684	2212	1282	154	303	405	6285	
1.50	0.49				66	638	1172	752	66	112	46	2852	
2.00	0.49					82	663	639	95	47	15	1510	
2.50	0.49						35	237	198	41	8	510	
3.00	0.49							8	95	65	1	169	
3.50	0.49								15	56	35	106	
4.00	0.49										6	12	
4.50	0.49											3	
5.00	GREATER												
TOTAL		1836	4569	5363	2976	5431	13629	6435	993	1340	4228		
AVERAGE HS(M) = 0.80 LARGEST HS(M) = 5.14 ANGLE CLASS % = 46.8													

AVERAGE HS(M) = 0.80 LARGEST HS(M) = 5.14 ANGLE CLASS % = 46.8

STATION 37 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 143.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0- 0.49	-	1096	1962	6	547	2837	1442	1045	212	6	88	8694	
0.50	-	.	1004	2628	888	292	937	740	184	13	1	6337	
1.00	-	.	.	225	30	429	456	171	87	.	.	2210	
1.50	-	.	.	.	.	234	410	136	35	.	.	845
2.00	-	.	.	.	.	32	152	94	12	.	.	308
2.50	-	.	.	.	.	.	3	13	17	.	.	39
3.00	-	.	.	.	.	.	.	.	.	.	.	4
3.50	-	.	.	.	.	.	.	.	.	.	.	0
4.00	-	.	.	.	.	.	.	.	.	.	.	0
4.50	-	.	.	.	.	.	.	.	.	.	.	0
5.00	-	.	.	.	.	.	.	.	.	.	.	0
5.00	GREATER	1096	2966	2859	1465	3824	3400	2260	500	37	90	0	
TOTAL		1096	2966	2859	1465	3824	3400	2260	500	37	90		

AVERAGE HS(M) = 0.65 LARGEST HS(M) = 3.23 ANGLE CLASS % = 18.5

STATION 37 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 143.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

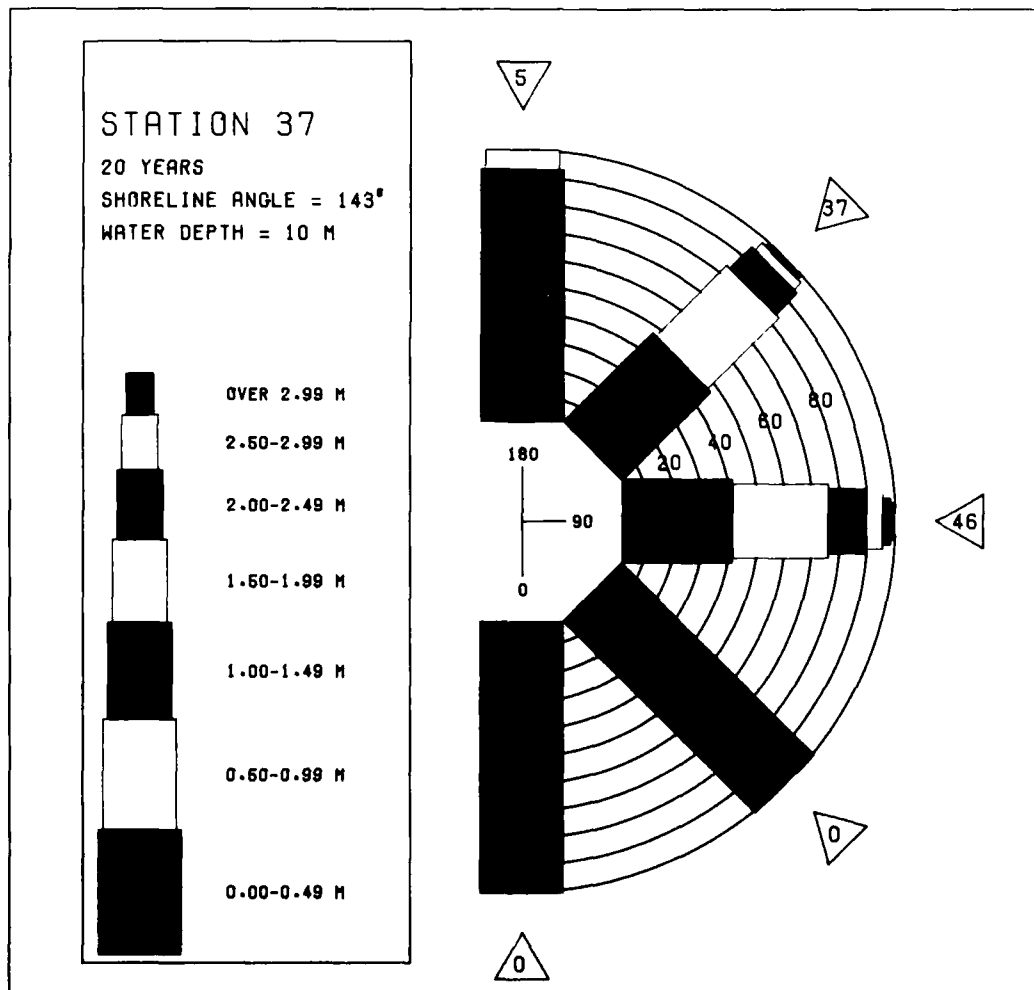
HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-	- 0.49	898	2043	1459	864	564	689	.	.	.	.	6517
0.50	- 0.99	.	111	758	513	196	99	.	.	.	.	1877
1.00	- 1.49	.	.	3	39	15	.	.	.	.	.	57
1.50	- 1.99	.	.	.	.	1	.	.	.	.	.	1
2.00	- 2.49	.	.	.	.	.	.	.	.	.	.	0
2.50	- 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00	- 3.49	.	.	.	.	.	.	.	.	.	.	0
3.50	- 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		898	2154	2220	1416	776	788	0	0	0	0		

AVERAGE HS(M) = 0.31 LARGEST HS(M) = 1.62 ANGLE CLASS % = 8.3

STATION 37 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 143.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	476	928	387	257	819	763	216	31	56	115	4048
0.50-0.99	.	224	823	273	155	841	363	48	26	264	3017
1.00-1.49	.	.	47	256	127	372	173	20	21	40	1086
1.50-1.99	.	.	.	9	88	175	103	13	11	4	403
2.00-2.49	11	81	79	15	5	1	192
2.50-2.99	3	25	21	9	1	55
3.00-3.49	1	1	9	3	16
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	476	1152	1257	795	1200	2235	960	158	135	428	

AVE HS(M) = 0.59 LARGEST HS(M) = 5.14 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 37

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.7	0.6	0.9	0.6	0.7	0.7	0.4	0.3	0.3	0.6	0.7	0.6
1957	0.5	0.6	0.3	0.6	0.5	0.4	0.7	0.4	0.5	0.3	0.8	1.1	0.6
1958	0.7	0.6	0.5	0.6	0.5	0.6	0.7	0.6	0.4	0.4	0.7	0.5	0.6
1959	0.8	0.8	0.8	0.6	0.5	0.5	0.6	0.4	0.3	0.6	0.7	0.6	0.6
1960	0.5	0.8	0.4	0.9	0.5	0.5	0.5	0.5	0.4	0.5	0.7	0.6	0.6
1961	0.5	0.7	0.5	0.9	0.7	0.8	0.5	0.5	0.6	0.6	0.3	0.7	0.6
1962	0.9	0.5	0.3	0.8	0.3	0.5	0.6	0.4	0.4	0.6	0.5	1.2	0.6
1963	0.9	0.9	1.0	0.7	0.9	0.7	0.7	0.7	0.5	0.6	1.0	0.7	0.8
1964	1.0	0.7	0.9	0.6	0.6	0.5	0.6	0.6	0.4	0.5	0.7	0.8	0.7
1965	0.5	0.7	0.5	0.4	0.4	0.5	0.6	0.5	0.3	0.7	0.7	0.5	0.5
1966	0.5	0.6	0.6	0.4	0.6	0.7	0.5	0.5	0.6	0.5	0.5	0.6	0.5
1967	0.7	0.7	0.5	0.4	0.6	0.4	0.6	0.5	0.3	0.6	0.6	0.5	0.6
1968	0.3	0.6	0.7	0.5	0.5	0.4	0.3	0.3	0.3	0.5	0.6	0.9	0.5
1969	0.4	0.2	0.4	0.7	0.8	0.4	0.4	0.6	0.3	0.4	0.7	0.7	0.5
1970	0.5	1.1	0.7	0.6	0.6	0.7	0.7	0.6	0.5	0.4	0.5	0.5	0.6
1971	0.7	1.0	0.8	0.8	0.9	0.5	0.7	0.6	0.3	0.4	0.5	0.6	0.7
1972	0.9	0.8	0.9	0.6	0.6	0.7	0.5	0.5	0.3	0.5	0.7	0.7	0.7
1973	0.8	0.4	0.5	0.8	0.8	0.6	0.5	0.5	0.4	0.5	1.3	1.5	0.7
1974	0.8	0.7	1.3	1.3	0.5	0.4	0.5	0.4	0.4	0.4	0.7	0.5	0.6
1975	0.6	0.5	0.6	0.6	0.2	0.5	0.7	0.3	0.3	0.3	0.8	0.7	0.5
MEAN	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.5	0.4	0.5	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 37

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.9	2.7	3.7	2.0	2.1	2.6	1.3	1.0	1.5	2.6	2.6	
1957	2.5	2.1	2.5	2.7	1.8	2.5	1.6	1.4	2.1	1.5	2.3	2.8	
1958	2.6	3.7	3.0	2.1	1.6	1.8	1.6	2.2	2.0	1.7	2.5	1.8	
1959	3.4	2.3	3.3	2.2	1.6	1.9	2.2	1.9	1.0	1.6	2.6	3.2	
1960	2.4	4.0	2.1	2.8	1.1	1.6	2.9	1.7	2.3	2.5	2.4	2.6	
1961	2.4	3.8	2.8	2.7	2.7	2.0	1.3	1.4	3.5	2.1	1.4	2.6	
1962	3.3	2.1	2.7	3.0	1.6	1.5	1.9	2.1	1.6	2.6	2.6	4.1	
1963	2.6	2.7	2.8	2.1	2.4	1.7	1.5	2.5	2.4	1.6	3.8	2.8	
1964	3.3	3.6	2.4	2.4	1.9	1.4	1.6	1.9	1.9	1.3	2.7	2.3	
1965	2.3	2.6	1.9	1.9	1.0	1.1	1.6	1.4	1.0	2.5	2.5	2.0	
1966	3.8	2.5	1.8	1.0	2.3	2.3	1.8	2.0	1.9	1.9	2.7	3.4	
1967	2.6	2.9	2.2	1.9	2.3	1.3	1.7	1.5	1.6	3.0	1.9	3.0	
1968	2.4	1.6	3.2	2.3	1.9	1.7	1.0	1.4	2.4	1.6	2.7	3.1	
1969	1.7	1.6	2.4	2.4	2.8	1.1	1.1	2.4	2.3	2.0	2.8	3.7	
1970	2.5	3.2	2.5	3.7	2.1	1.4	1.7	1.4	2.6	1.9	2.2	3.5	
1971	3.4	3.3	4.2	3.3	2.6	1.1	2.1	2.1	0.9	2.2	2.4	2.2	
1972	2.5	3.9	3.5	1.7	2.0	2.2	1.4	1.8	3.6	2.5	4.4	3.3	
1973	3.7	3.8	4.0	2.5	2.4	1.9	2.3	1.7	2.0	2.9	3.8	5.1	
1974	2.7	3.9	3.7	3.0	2.2	1.7	1.6	2.1	2.4	2.1	2.6	2.7	
1975	2.7	3.9	2.8	3.1	1.4	1.7	2.1	1.0	2.3	1.6	2.9	3.3	

LARGEST HS(METRES) FOR STATION 37 = 5.1

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.42 LARGEST HS(M) = 2.12 ANGLE CLASS % = 16.5

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 1.00 LARGEST HS(M) = 3.61 ANGLE CLASS % = 16.7

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.93 LARGEST HS(M) = 5.05 ANGLE CLASS % = 27.0

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.81 LARGEST HS(M) = 4.40 ANGLE CLASS % = 17.6

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.75 LARGEST HS(M) = 2.84 ANGLE CLASS % = 13.1

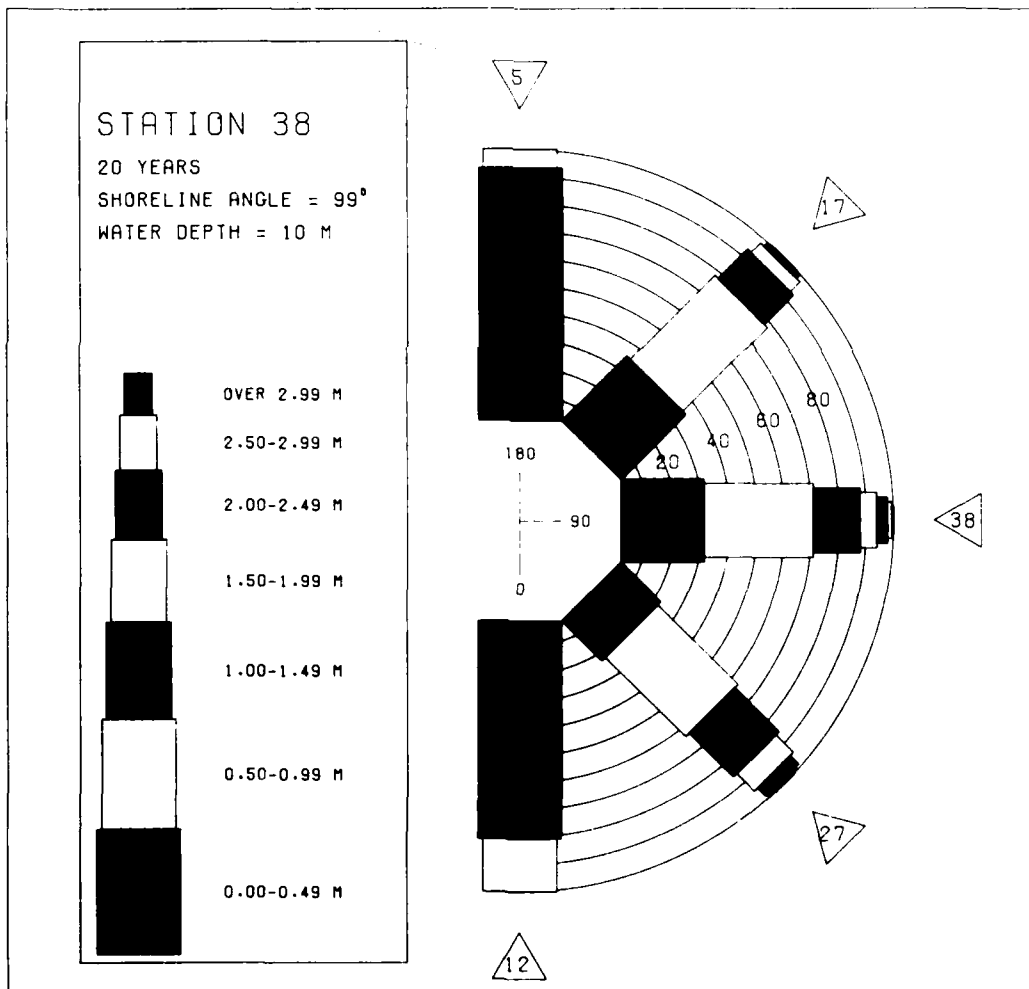
WATER DEPTH = 20.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.30 LARGEST HS(M) = 2.48 ANGLE CLASS % = 7.0

STATION 38 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 99.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	515	876	362	427	560	510	278	15	43	104	3690
0.50-0.99	.	481	1092	315	176	908	499	48	40	40	3599
1.00-1.49	.	.	131	437	149	465	212	25	36	54	1509
1.50-1.99	.	.	.	32	148	235	97	10	20	8	550
2.00-2.49	32	169	78	7	8	3	297
2.50-2.99	18	51	14	2	1	85
3.00-3.49	5	20	3	1	28
3.50-3.99	3	7	1	11
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	515	1357	1585	1211	1065	2305	1220	142	159	211	

AVE HS(M) = 0.75 LARGEST HS(M) = 5.05 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 38

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.4	0.8	0.8	1.0	0.7	0.8	0.8	0.5	0.5	0.7	0.7	0.8	0.7
1957	0.7	0.7	0.5	0.8	0.6	0.5	0.8	0.5	0.6	0.5	1.1	1.3	0.7
1958	1.0	0.9	0.8	0.8	0.6	0.8	0.8	0.7	0.6	0.8	0.9	0.7	0.3
1959	1.0	0.9	1.0	0.8	0.6	0.6	0.7	0.5	0.3	0.9	1.2	0.8	0.8
1960	0.7	1.1	0.7	1.1	0.6	1.1	0.7	0.6	0.5	0.6	0.8	0.7	0.8
1961	0.8	0.8	0.7	1.1	0.8	0.9	0.6	0.6	0.7	0.6	0.5	0.9	0.7
1962	1.0	0.6	0.6	1.0	0.4	0.5	0.7	0.6	0.5	0.7	0.8	1.5	0.7
1963	0.8	0.9	1.1	0.7	0.8	0.6	0.7	0.6	0.6	0.5	1.2	0.8	0.8
1964	1.2	1.0	1.0	0.8	0.7	0.6	0.6	0.7	0.6	0.6	0.8	1.0	0.8
1965	0.7	0.9	0.8	0.5	0.5	0.5	0.6	0.7	0.5	0.8	0.9	0.7	0.7
1966	0.7	0.7	0.7	0.6	0.7	0.7	0.6	0.7	0.8	0.6	0.9	0.8	0.7
1967	0.9	1.0	0.8	0.5	0.8	0.5	0.7	0.6	0.5	0.7	0.8	0.7	0.7
1968	0.5	0.8	0.9	0.6	0.7	0.7	0.6	0.6	0.4	0.7	0.8	1.1	0.7
1969	0.8	0.4	0.6	0.9	0.9	0.5	0.5	0.9	0.6	0.5	0.9	0.9	0.7
1970	0.6	1.2	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.7
1971	0.9	1.1	1.0	1.0	1.1	0.3	0.8	0.7	0.5	0.6	0.6	0.8	0.8
1972	1.0	1.1	1.1	0.7	0.9	0.8	0.6	0.5	0.4	0.9	0.8	0.9	0.8
1973	1.0	0.6	0.7	1.0	0.9	0.7	0.6	0.5	0.5	0.7	1.5	1.7	0.9
1974	0.9	0.9	1.6	1.5	0.7	0.5	0.7	0.5	0.5	0.5	0.8	0.8	0.8
1975	0.8	0.7	0.8	0.7	0.3	0.6	0.8	0.4	0.4	0.4	0.9	1.2	0.7
MEAN	0.8	0.9	0.8	0.8	0.7	0.7	0.7	0.6	0.5	0.6	0.9	0.9	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 38

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.5	3.0	2.3	4.0	2.0	2.2	2.6	1.2	1.5	2.0	2.5	2.5	
1957	2.5	2.3	2.5	2.9	1.8	2.5	1.6	1.4	2.1	1.7	2.5	2.9	
1958	2.8	3.4	3.4	2.3	1.6	1.7	1.7	2.4	2.0	1.8	2.5	2.2	
1959	3.5	2.4	3.2	2.4	1.6	1.8	2.5	1.7	1.1	2.6	2.9	3.2	
1960	2.6	3.9	2.6	2.9	1.3	2.4	3.1	1.6	2.6	2.7	2.2	2.5	
1961	2.4	3.8	2.8	2.5	2.7	2.1	1.4	1.5	3.2	2.2	2.0	2.8	
1962	3.2	2.0	2.7	3.0	1.8	1.6	2.0	2.1	1.8	2.7	2.7	4.2	
1963	2.7	2.7	2.8	1.7	3.2	1.8	1.6	2.6	2.5	1.7	3.7	2.8	
1964	3.4	3.1	2.5	2.6	2.0	1.4	1.7	2.1	1.8	1.7	2.8	2.4	
1965	2.4	2.9	2.0	2.2	1.2	1.2	1.6	1.8	1.6	2.6	2.7	2.0	
1966	3.7	2.7	1.9	1.5	2.3	2.3	1.9	2.1	2.3	2.3	3.0	2.7	
1967	2.6	3.0	2.5	2.0	2.4	1.8	1.6	1.5	2.2	3.1	2.3	3.4	
1968	2.7	2.2	3.1	2.5	2.3	1.5	1.2	1.5	1.7	1.8	2.8	3.1	
1969	2.0	1.9	2.9	2.4	3.0	1.1	1.3	2.2	2.3	2.2	2.9	3.7	
1970	2.5	3.2	2.4	3.9	2.0	1.6	1.8	2.1	2.5	2.4	2.4	3.5	
1971	3.7	3.2	4.1	3.3	2.5	1.4	2.1	2.3	1.3	2.4	2.7	2.2	
1972	2.5	4.1	3.7	1.9	2.8	2.9	1.4	2.0	2.1	2.5	3.6	3.5	
1973	3.6	3.9	4.1	2.8	2.5	2.1	2.0	2.1	2.1	3.1	3.5	5.1	
1974	2.7	3.9	3.7	3.6	2.4	2.1	1.7	2.2	2.5	2.2	2.6	2.8	
1975	2.9	3.8	3.5	3.2	1.5	1.9	2.0	1.1	2.4	1.6	2.8	3.6	

LARGEST HS(METRES) FOR STATION 38 = 5.1

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.30 LARGEST HS(M) = 2.40 ANGLE CLASS % = 11.9

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 5.05 ANGLE CLASS % = 39.2

STATION 39 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 88.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	853	1267	1860	213	799	1036	2638	104	590	1575	8862
0.50-0.99	.	1013	237	829	35	342	2849	354	366	439	7471
1.00-1.49	.	.	.	65	181	140	515	109	286	509	2776
1.50-1.99	316	263	185	37	39	75	1009
2.00-2.49	82	350	109	50	3	20	687
2.50-2.99	71	11	41	1	1	214
3.00-3.49	5	15	3	21
3.50-3.99	3
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
10.00-10.49	0
10.50-10.99	0
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18.00-18.49	0
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19.50-19.99	0
20.00-20.49	0
20.50-20.99	0
21.00-21.49	0
21.50-21.99	0
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23.50-23.99	0
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44.50-44.99	0
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ATLANTIC COAST HINDCAST SHALLOW-WATER SIGNIFICANT WAVE
INFORMATION(U) ARMY ENGINEER WATERWAYS EXPERIMENT
STATION VICKSBURG MS HYDRAULICS LAB R E JENSEN JAN 83

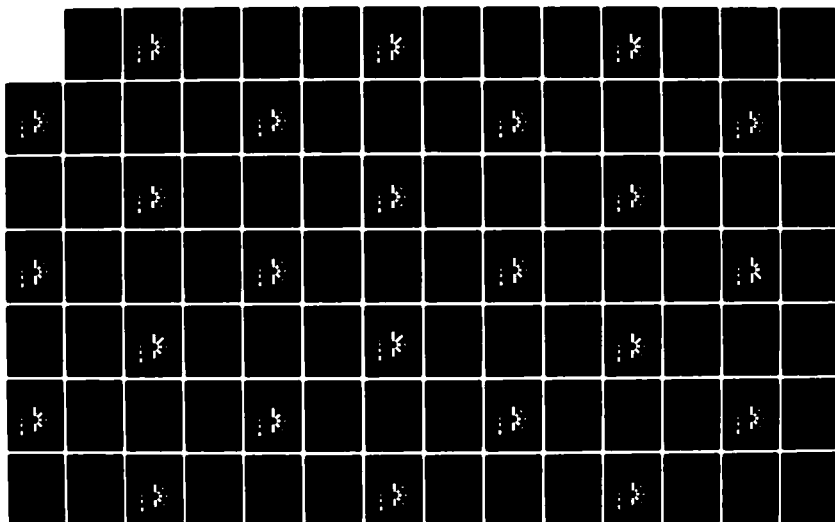
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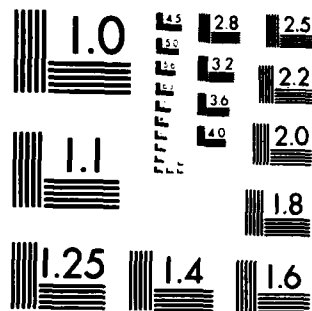
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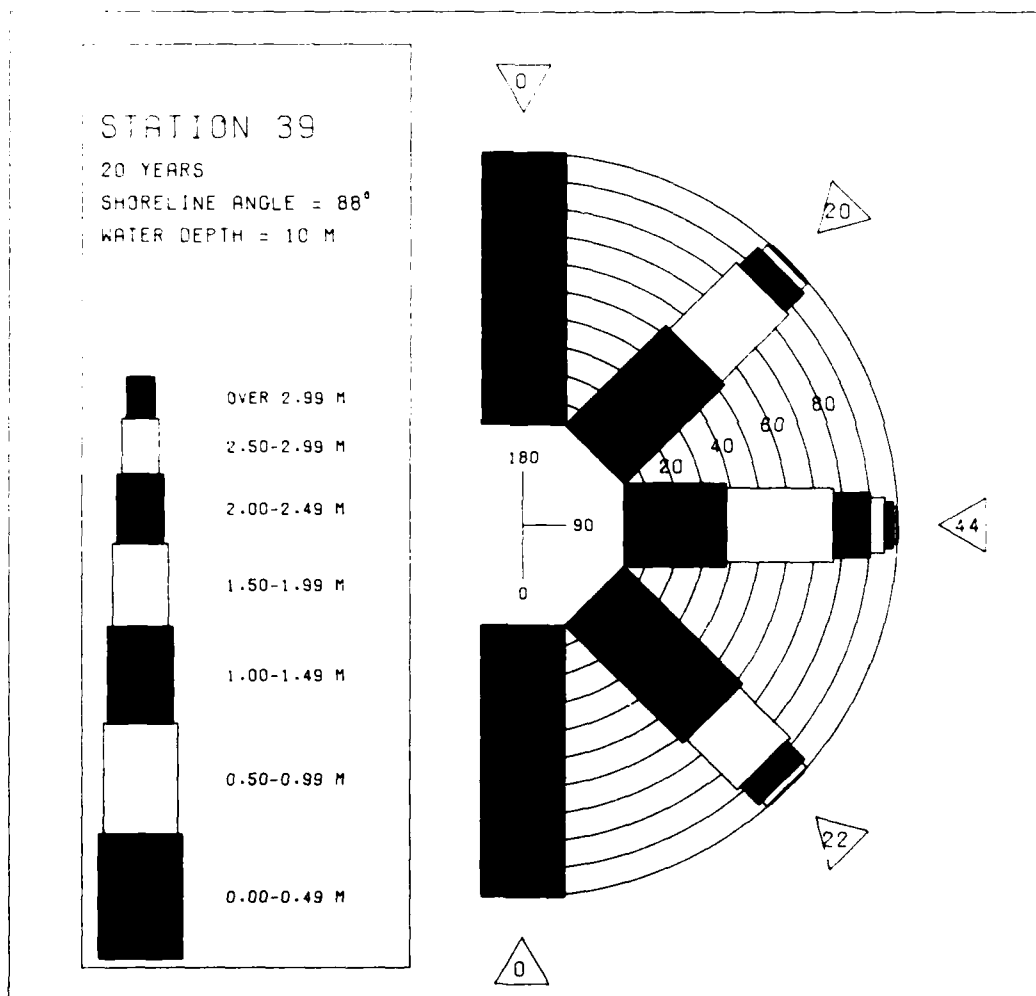


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

STATION 39 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 88.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	382	789	388	236	721	838	395	20	64	157	3990
0.50-0.99	.	214	701	251	133	958	584	57	48	46	2997
1.00-1.49	.	.	40	210	105	312	200	14	36	54	984
1.50-1.99	.	.	.	11	70	134	99	14	20	7	359
2.00-2.49	14	74	26	10	4	2	156
2.50-2.99	1	3	1	5
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	382	1003	1129	708	1048	2325	1364	154	188	268	

AVE HS(M) = 0.56 LARGEST HS(M) = 5.05 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 39

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.5	0.6	0.9	0.5	0.7	0.7	0.4	0.3	0.6	0.5	0.5	0.5
1957	0.4	0.4	0.3	0.6	0.4	0.5	0.7	0.4	0.4	0.4	0.9	1.0	0.5
1958	0.7	0.4	0.6	0.7	0.5	0.7	0.6	0.6	0.4	0.6	0.6	0.3	0.6
1959	0.6	0.6	0.6	0.6	0.4	0.4	0.6	0.4	0.2	0.7	1.1	0.5	0.6
1960	0.3	0.7	0.4	0.9	0.5	1.1	0.6	0.5	0.4	0.3	0.5	0.4	0.6
1961	0.4	0.6	0.5	0.8	0.6	0.8	0.5	0.4	0.6	0.4	0.2	0.5	0.5
1962	0.7	0.4	0.3	0.8	0.3	0.4	0.5	0.5	0.3	0.5	0.6	1.3	0.5
1963	0.6	0.5	0.9	0.5	0.7	0.5	0.5	0.5	0.5	0.3	0.9	0.4	0.6
1964	0.7	0.6	0.8	0.6	0.5	0.4	0.5	0.6	0.5	0.4	0.6	0.8	0.6
1965	0.4	0.6	0.6	0.5	0.4	0.4	0.6	0.6	0.4	0.6	0.6	0.5	0.5
1966	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.4	0.9	0.5	0.5
1967	0.6	0.7	0.7	0.3	0.7	0.5	0.6	0.5	0.3	0.6	0.4	0.6	0.6
1968	0.3	0.3	0.6	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.5	0.6	0.5
1969	0.5	0.2	0.3	0.7	0.7	0.4	0.3	0.8	0.4	0.3	0.7	0.7	0.5
1970	0.3	0.8	0.5	0.6	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.4	0.6
1971	0.5	0.9	0.6	0.8	1.0	0.7	0.7	0.6	0.4	0.5	0.4	0.5	0.6
1972	0.8	0.8	1.0	0.6	0.8	0.7	0.5	0.4	0.3	0.8	0.6	0.6	0.7
1973	0.7	0.5	0.5	0.7	0.8	0.6	0.5	0.4	0.4	0.4	1.0	1.4	0.7
1974	0.7	0.6	1.3	1.3	0.6	0.5	0.6	0.4	0.4	0.3	0.5	0.6	0.6
1975	0.6	0.5	0.7	0.5	0.3	0.6	0.7	0.3	0.3	0.3	0.6	1.1	0.5
MEAN	0.5	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.4	0.5	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 39

MONTH

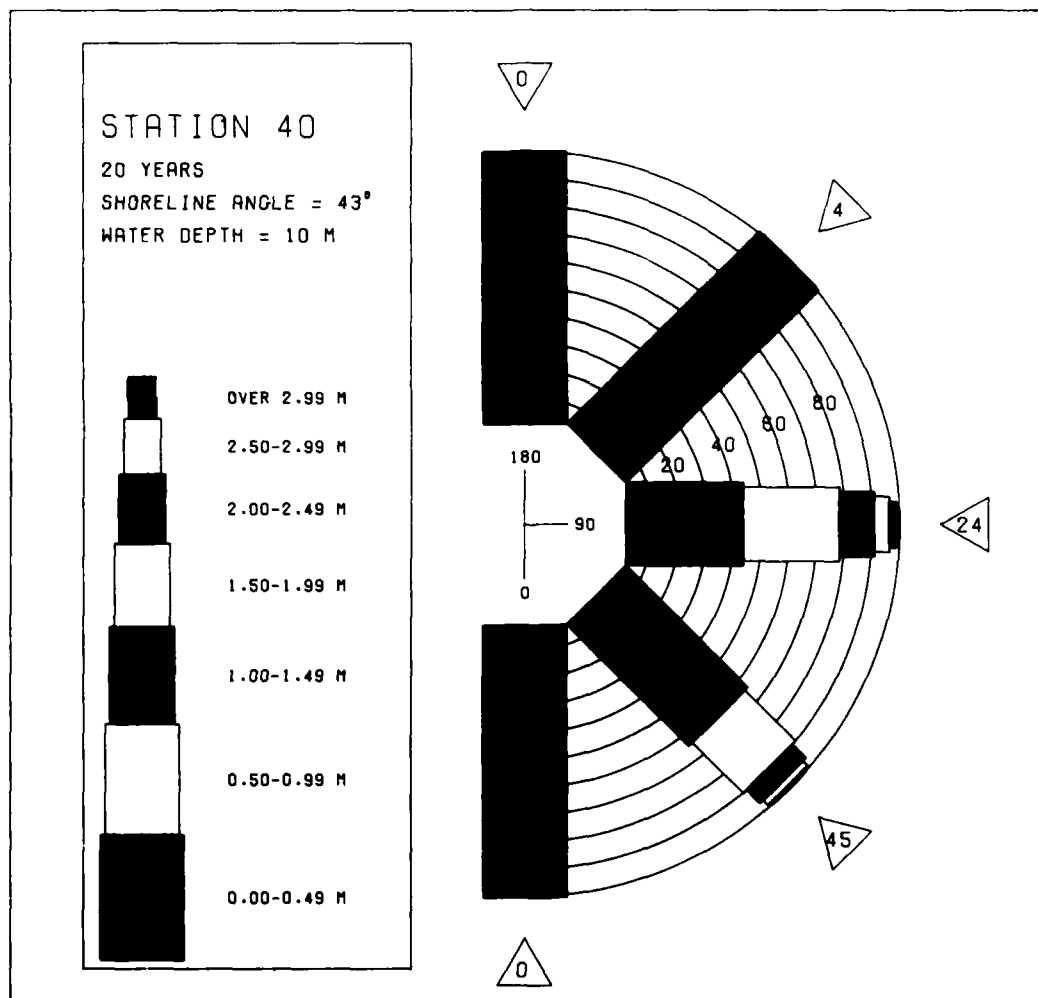
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.3	2.6	2.2	3.9	1.7	1.9	2.5	0.9	1.7	1.5	2.5	2.4	
1957	2.1	2.0	2.4	2.9	1.4	2.3	1.5	1.2	1.8	1.6	2.4	2.7	
1958	2.8	3.4	3.4	2.3	1.5	1.5	1.4	2.3	1.6	1.8	2.4	1.5	
1959	3.3	2.3	3.1	2.4	1.3	1.1	2.4	1.4	1.0	2.6	2.8	2.9	
1960	2.3	3.8	2.6	2.8	1.2	2.5	3.0	1.5	2.6	2.5	2.1	2.4	
1961	2.1	3.1	2.8	2.3	2.7	2.1	1.3	1.3	3.2	1.6	1.3	2.3	
1962	3.1	1.9	2.7	3.0	1.1	1.4	1.5	1.7	1.4	2.3	2.9	3.9	
1963	2.5	2.5	2.5	1.7	3.1	1.6	1.5	2.5	2.4	1.0	3.5	2.6	
1964	3.1	2.9	2.2	2.2	1.7	1.3	1.5	2.1	1.7	1.4	2.7	2.2	
1965	1.9	2.7	1.7	2.2	0.9	1.1	1.4	1.3	1.6	2.6	2.2	2.0	
1966	2.9	2.4	1.7	1.5	2.0	2.2	1.9	1.8	2.4	1.5	2.9	2.5	
1967	2.5	2.6	2.4	1.9	2.4	1.6	1.3	1.4	2.2	2.6	2.3	3.4	
1968	2.2	1.5	2.9	2.3	2.5	1.5	0.9	1.3	1.6	1.6	2.8	2.4	
1969	1.9	1.4	3.2	2.3	2.9	1.1	1.2	2.0	2.2	1.5	2.9	3.7	
1970	2.3	3.1	2.1	3.3	1.8	1.6	1.6	2.1	2.2	2.4	2.4	3.5	
1971	3.4	2.8	3.9	3.3	2.4	1.3	1.9	2.3	1.4	2.0	2.4	2.2	
1972	2.2	4.1	3.6	1.8	2.8	2.9	1.2	1.6	1.7	2.2	3.5	3.4	
1973	3.3	3.6	3.7	2.8	2.3	2.0	1.8	2.2	1.6	2.6	3.0	5.1	
1974	2.5	3.4	3.5	3.5	2.4	1.4	1.4	2.0	2.3	2.0	2.1	2.9	
1975	2.7	3.1	3.6	2.9	1.3	1.9	1.9	0.8	2.2	1.2	2.5	3.5	

LARGEST HS(METRES) FOR STATION 39 = 5.1

STATION 40 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 43.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00-0.49	511	1055	667	377	521	546	330	18	68	184	4277
0.50-0.99	118	118	537	259	121	486	371	400	41	39	2012
1.00-1.49	..	..	18	139	85	1586	1231	233	31	48	3335
1.50-1.99	..	..	..	5	26	295	1231	177	10	2	1000
2.00-2.49	..	..	..	..	10	49	151	1	1	..	300
2.50-2.99	..	..	..	..	..	..	..	..	..	..	0
GREATER	..	..	..	..	..	..	..	..	..	..	0
TOTAL	511	1173	1222	780	783	1336	933	113	164	279	58440

AVE HS(M) = 0.40 LARGEST HS(M) = 4.13 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 40

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.3	0.3	0.6	0.4	0.6	0.5	0.2	0.3	0.7	0.4	0.3	0.4
1957	0.2	0.2	0.2	0.4	0.2	0.3	0.5	0.3	0.3	0.4	0.6	0.8	0.4
1958	0.7	0.3	0.6	0.6	0.5	0.6	0.4	0.3	0.3	0.6	0.4	0.2	0.5
1959	0.3	0.3	0.4	0.4	0.1	0.2	0.4	0.3	0.2	0.7	1.0	0.3	0.4
1960	0.2	0.5	0.3	0.5	0.3	1.0	0.4	0.3	0.3	0.3	0.3	0.2	0.4
1961	0.3	0.4	0.3	0.4	0.4	0.5	0.3	0.2	0.5	0.4	0.2	0.2	0.3
1962	0.4	0.4	0.2	0.6	0.2	0.3	0.2	0.3	0.2	0.3	0.6	1.0	0.4
1963	0.4	0.3	0.5	0.3	0.5	0.3	0.3	0.3	0.5	0.2	0.6	0.3	0.4
1964	0.5	0.4	0.3	0.4	0.3	0.2	0.3	0.4	0.5	0.3	0.3	0.5	0.4
1965	0.3	0.4	0.4	0.3	0.2	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.3
1966	0.3	0.2	0.3	0.4	0.4	0.5	0.4	0.3	0.5	0.2	0.9	0.3	0.4
1967	0.3	0.5	0.6	0.2	0.4	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.4
1968	0.2	0.1	0.4	0.3	0.5	0.6	0.6	0.5	0.4	0.2	0.4	0.3	0.4
1969	0.4	0.2	0.3	0.5	0.5	0.3	0.3	0.7	0.4	0.2	0.6	0.4	0.4
1970	0.1	0.6	0.3	0.4	0.6	0.6	0.5	0.3	0.3	0.5	0.4	0.3	0.4
1971	0.2	0.6	0.3	0.4	0.7	0.7	0.5	0.4	0.4	0.4	0.3	0.2	0.4
1972	0.4	0.6	0.7	0.2	0.7	0.6	0.3	0.2	0.2	0.7	0.4	0.4	0.5
1973	0.3	0.4	0.4	0.4	0.5	0.4	0.3	0.3	0.2	0.3	0.6	0.9	0.4
1974	0.4	0.3	1.1	0.9	0.4	0.4	0.6	0.3	0.3	0.2	0.3	0.5	0.5
1975	0.3	0.4	0.4	0.3	0.2	0.5	0.6	0.2	0.2	0.2	0.4	1.0	0.4
MEAN	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.3	0.4	0.5	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 40

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.1	1.6	3.3	1.4	1.6	2.0	1.0	2.1	1.6	2.1	2.1	
1957	1.7	1.8	2.3	2.5	1.1	1.8	1.1	1.2	1.3	1.4	2.2	2.4	
1958	2.8	3.4	3.3	2.4	1.3	1.5	0.9	2.0	1.5	2.3	2.4	1.7	
1959	2.8	2.1	2.9	2.2	0.8	1.0	2.4	1.1	0.9	3.0	2.6	2.5	
1960	2.1	3.3	2.4	2.4	1.2	2.3	2.6	1.4	2.6	2.3	1.2	2.2	
1961	1.6	2.5	2.8	2.4	2.6	1.5	1.0	1.2	3.5	1.2	1.3	2.0	
1962	2.1	1.9	2.7	2.5	0.9	1.0	1.1	1.6	1.8	2.3	2.9	2.9	
1963	2.5	2.1	2.4	1.6	2.8	1.3	1.2	2.1	2.0	1.5	2.8	2.4	
1964	2.9	2.9	1.8	1.6	1.1	1.0	1.5	2.0	2.1	1.3	2.6	2.0	
1965	2.3	2.5	1.7	2.2	0.7	1.1	0.9	1.3	1.4	2.0	1.4	2.1	
1966	3.0	2.1	1.6	1.6	1.3	1.8	1.8	1.2	2.6	1.1	2.6	2.2	
1967	2.3	2.2	2.3	1.9	2.9	1.9	1.0	1.4	2.2	2.0	2.2	2.6	
1968	2.4	1.1	2.7	1.9	2.8	1.8	1.0	1.1	1.5	1.7	2.9	2.2	
1969	1.9	1.8	3.8	2.0	2.3	0.9	1.1	1.5	1.8	1.0	2.7	3.4	
1970	1.8	3.2	1.9	2.6	1.6	1.4	1.3	2.1	1.4	2.6	2.3	3.3	
1971	2.7	2.5	3.6	3.0	2.3	1.2	1.4	2.1	1.5	1.9	1.9	1.5	
1972	1.6	4.1	3.0	2.0	2.6	2.9	1.0	0.9	2.6	2.5	3.1	3.4	
1973	2.7	2.8	2.3	2.9	1.9	1.8	1.4	1.9	1.2	2.7	2.3	4.1	
1974	2.4	2.6	3.2	2.6	2.3	1.4	1.3	1.4	1.9	1.0	2.0	3.6	
1975	2.7	2.6	3.7	2.3	1.1	1.8	1.7	0.7	1.8	1.2	2.3	3.1	

LARGEST HS(METRES) FOR STATION 40 = 4.1

MEAN HS(METRES) BY MONTH AND YEAR

STATION 41

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.2	0.3	0.3	0.4	0.3	0.5	0.3	0.2	0.4	0.7	0.4	0.3	0.4
1957	0.2	0.2	0.2	0.4	0.2	0.3	0.3	0.3	0.3	0.4	0.5	0.7	0.3
1958	0.6	0.3	0.7	0.5	0.4	0.6	0.3	0.3	0.2	0.7	0.4	0.2	0.4
1959	0.3	0.2	0.4	0.3	0.1	0.2	0.4	0.3	0.2	0.7	0.9	0.3	0.4
1960	0.2	0.5	0.3	0.4	0.3	0.8	0.4	0.3	0.3	0.3	0.3	0.2	0.3
1961	0.3	0.4	0.3	0.4	0.3	0.4	0.3	0.2	0.5	0.4	0.2	0.2	0.3
1962	0.3	0.4	0.3	0.5	0.2	0.2	0.2	0.3	0.2	0.3	0.6	0.8	0.3
1963	0.4	0.3	0.4	0.3	0.4	0.2	0.2	0.3	0.5	0.2	0.6	0.2	0.3
1964	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.6	0.3	0.3	0.4	0.3
1965	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3
1966	0.2	0.2	0.3	0.4	0.3	0.4	0.3	0.3	0.5	0.2	0.8	0.4	0.3
1967	0.3	0.4	0.5	0.2	0.4	0.4	0.2	0.3	0.3	0.3	0.2	0.3	0.3
1968	0.3	0.1	0.4	0.2	0.4	0.6	0.6	0.5	0.4	0.2	0.4	0.3	0.4
1969	0.4	0.2	0.3	0.4	0.4	0.3	0.3	0.5	0.4	0.2	0.6	0.4	0.4
1970	0.1	0.5	0.3	0.4	0.6	0.5	0.3	0.2	0.2	0.5	0.4	0.3	0.4
1971	0.2	0.4	0.3	0.4	0.6	0.6	0.4	0.3	0.3	0.4	0.2	0.2	0.4
1972	0.3	0.5	0.7	0.2	0.6	0.5	0.2	0.2	0.3	0.7	0.3	0.4	0.4
1973	0.3	0.3	0.4	0.4	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.8	0.4
1974	0.3	0.3	0.9	0.6	0.3	0.4	0.5	0.2	0.2	0.1	0.3	0.5	0.4
1975	0.3	0.3	0.4	0.2	0.2	0.5	0.4	0.2	0.2	0.2	0.3	0.9	0.3
MEAN	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 41

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.5	1.8	2.0	2.8	1.2	1.1	1.5	1.2	2.1	2.0	2.0	1.9
1957	1.5	1.5	2.2	2.3	0.9	1.5	1.0	1.1	1.1	1.6	1.9	2.2
1958	2.7	3.0	3.3	2.3	1.4	1.4	0.8	1.4	1.7	2.6	2.4	2.0
1959	2.3	1.8	2.8	1.9	0.7	1.0	2.2	1.1	0.9	3.1	2.0	2.2
1960	1.9	2.8	2.2	2.0	1.2	1.6	2.3	1.5	2.4	2.0	1.2	2.0
1961	2.0	2.7	2.6	2.4	2.5	1.2	1.1	1.2	3.5	1.1	1.6	1.9
1962	1.8	2.1	2.9	2.3	0.9	1.0	0.8	1.4	2.0	2.4	2.8	2.6
1963	2.3	2.1	2.3	1.5	2.2	1.3	1.0	1.8	1.8	1.8	2.7	2.0
1964	2.6	2.8	1.8	1.6	1.0	0.8	1.6	1.7	2.1	1.4	2.4	1.9
1965	2.6	2.5	1.9	2.0	0.7	1.1	0.9	1.3	1.4	1.8	1.2	2.1
1966	2.9	2.0	1.8	2.0	1.2	2.0	1.4	0.9	2.5	1.0	2.5	2.3
1967	2.2	1.8	2.1	1.8	2.7	2.0	0.8	1.4	2.1	1.8	1.8	2.7
1968	2.4	1.0	2.9	1.7	2.8	1.8	0.9	0.9	1.3	1.6	2.9	2.1
1969	1.7	2.2	3.6	2.0	2.0	0.8	1.3	1.1	1.7	1.0	2.7	3.2
1970	1.5	3.0	1.7	2.4	1.5	1.1	0.9	1.4	1.1	2.5	2.2	3.2
1971	2.1	2.3	3.3	2.7	2.1	1.2	1.1	2.1	1.4	1.9	2.2	1.5
1972	1.2	4.1	2.9	1.9	2.0	2.7	0.7	0.9	2.9	2.5	2.7	3.4
1973	2.5	2.5	2.0	2.8	1.6	1.7	1.2	1.7	1.1	2.8	1.8	3.7
1974	2.1	2.3	3.1	2.2	2.0	1.4	1.2	1.1	1.7	0.9	1.7	3.5
1975	2.6	2.4	3.2	2.1	0.9	1.6	1.1	0.8	1.4	1.3	2.3	3.4

LARGEST HS(METRES) FOR STATION 41 = 4.1

STATION 42 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1288	2938	1791	1249	951	1305	.	.	.	.	9522
0.50 - 0.99	.	489	2568	1202	460	1024	.	.	.	.	5743
1.00 - 1.49	.	.	61	217	200	109	.	.	.	.	587
1.50 - 1.99	8	1	.	.	.	.	9
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1288	3427	4420	2668	1619	2439	0	0	0	0	

AVERAGE HS(M) = 0.45 LARGEST HS(M) = 1.69 ANGLE CLASS % = 15.9

STATION 42 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	930	1622	3300	573	1979	1630	251	8	1	1	6422
0.50 - 0.99	.	1587	400	1586	393	444	239	10	.	.	9744
1.00 - 1.49	.	.	.	80	457	3060	540	15	2	.	5264
1.50 - 1.99	491	1002	497	34	5	.	2109
2.00 - 2.49	70	345	277	97	1	.	790
2.50 - 2.99	1	8	51	58	15	.	133
3.00 - 3.49	13	25	3	41
3.50 - 3.99	1	1	2
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	930	3209	3700	2239	3591	8486	2055	235	55	5	

AVERAGE HS(M) = 0.88 LARGEST HS(M) = 3.70 ANGLE CLASS % = 24.5

STATION 42 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

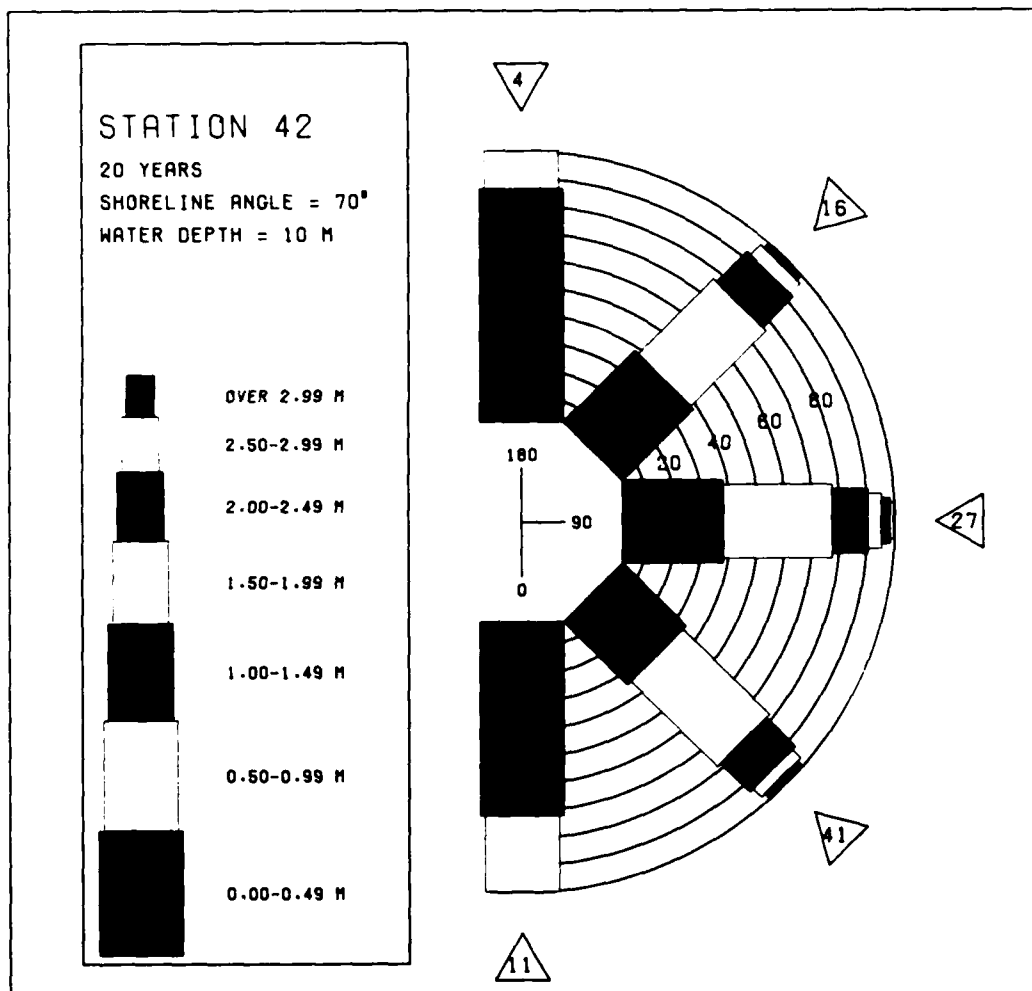
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	539	704	1221	77	1878	1167	1757	82	434	1060	9621
0.50 - 0.99	.	819	225	684	27	395	3485	244	371	495	10815
1.00 - 1.49	.	.	.	46	263	872	932	189	104	532	13818
1.50 - 1.99	77	278	200	94	101	77	1300
2.00 - 2.49	379	213	64	73	37	800
2.50 - 2.99	71	176	68	20	6	344
3.00 - 3.49	27	75	35	1	128
3.50 - 3.99	10	29	15	54
4.00 - 4.49	3	3
4.50 - 4.99	1	1
5.00 - GREATER	1
TOTAL	539	1523	1446	807	2532	8762	6880	752	1427	2141	

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 5.05 ANGLE CLASS % = 26.8

STATION 42 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	389	742	279	247	647	850	361	24	68	166	3773
0.50-0.99	..	422	988	593	146	1078	809	64	34	133	3784
1.00-1.49	106	381	145	384	177	100	39	81	1403
1.50-1.99	24	117	169	113	126	20	16	498
2.00-2.49	25	114	74	19	4	7	243
2.50-2.99	14	3	1	..	1	20
3.00-3.49	8
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	389	1164	1373	945	1078	2629	1433	176	207	404	

AVE HS(M) = 0.72 LARGEST HS(M) = 5.05 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 42

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.9	0.7	0.9	0.6	0.7	0.7	0.4	0.5	0.8	0.7	0.7	0.7
1957	0.5	0.6	0.6	0.7	0.5	0.5	0.7	0.5	0.5	0.6	0.9	1.3	0.7
1958	0.8	0.7	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.7	0.8	0.5	0.7
1959	0.8	0.7	0.8	0.7	0.5	0.5	0.7	0.5	0.3	0.9	1.0	0.7	0.7
1960	0.5	1.0	0.6	1.0	0.6	0.8	0.5	0.6	0.5	0.5	0.6	0.5	0.6
1961	0.6	0.8	0.6	0.9	0.7	0.8	0.5	0.5	0.7	0.8	0.7	0.7	0.7
1962	0.8	0.7	1.0	1.0	0.4	0.5	0.6	0.5	0.5	0.7	0.8	1.1	0.7
1963	0.6	0.7	0.9	0.5	0.8	0.6	0.5	0.4	0.6	0.4	1.0	0.6	0.6
1964	1.0	0.8	0.9	0.8	0.6	0.5	0.6	0.6	0.7	0.6	0.7	0.9	0.7
1965	0.7	0.8	0.7	0.6	0.4	0.5	0.6	0.7	0.5	0.7	0.8	0.6	0.6
1966	0.6	0.5	0.6	0.6	0.7	0.8	0.7	0.6	0.7	0.5	0.7	0.7	0.6
1967	0.7	0.9	1.0	0.5	0.7	0.5	0.6	0.7	0.6	0.7	0.6	0.7	0.7
1968	0.4	0.5	0.8	0.6	0.7	0.7	0.5	0.5	0.4	0.5	0.8	0.8	0.6
1969	0.7	0.7	1.2	1.0	0.8	0.5	0.5	0.8	0.6	0.5	0.8	0.8	0.7
1970	0.4	0.9	0.6	0.8	0.7	0.7	0.6	0.5	0.5	0.6	0.7	0.7	0.7
1971	0.6	1.0	0.8	0.7	1.0	0.7	0.7	0.6	0.5	0.7	0.6	0.7	0.7
1972	0.8	1.0	1.1	0.6	0.8	0.8	0.5	0.4	0.5	0.8	0.8	0.9	0.7
1973	0.8	0.8	0.8	0.9	0.8	0.7	0.5	0.4	0.4	0.7	1.2	1.5	0.8
1974	0.8	0.8	1.3	1.2	0.6	0.6	0.6	0.5	0.4	0.4	0.6	0.8	0.7
1975	0.9	1.1	0.8	0.6	0.3	0.6	0.7	0.3	0.4	0.4	0.7	1.1	0.7
MEAN	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.6	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 42

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.3	2.8	2.6	4.2	1.8	2.0	2.4	1.1	2.0	1.8	2.4	2.4	
1957	2.1	2.0	2.5	2.9	1.2	2.4	1.5	1.2	2.1	1.7	2.7	2.7	
1958	2.5	2.9	3.2	2.1	1.5	1.5	1.4	2.3	1.5	2.3	2.4	1.7	
1959	3.5	2.4	3.0	2.3	1.3	1.3	2.5	1.4	1.0	3.0	2.8	2.9	
1960	2.2	3.5	2.5	2.8	1.4	1.8	2.8	1.7	2.4	2.5	2.2	2.3	
1961	2.1	3.0	2.7	2.6	2.5	2.2	1.2	1.4	3.1	1.7	2.1	2.2	
1962	2.5	1.7	2.7	3.0	1.1	1.3	1.4	1.5	1.4	2.4	2.9	4.0	
1963	2.5	2.5	2.5	1.9	3.2	1.6	1.5	2.5	2.4	1.8	3.3	2.5	
1964	3.7	3.0	2.6	2.2	1.3	1.2	1.5	2.4	2.0	1.7	2.7	2.4	
1965	2.5	2.6	2.0	2.1	0.9	1.2	1.5	1.5	1.6	2.4	2.3	2.1	
1966	3.0	2.5	1.8	2.0	1.6	2.5	1.7	2.0	2.6	1.3	2.6	2.5	
1967	2.4	2.6	2.3	2.0	2.3	1.4	1.3	1.4	2.1	2.5	2.4	2.6	
1968	2.4	1.6	2.8	2.4	2.5	1.9	1.0	1.4	1.6	2.1	3.1	3.3	
1969	1.8	2.0	2.9	2.1	2.9	1.1	1.3	2.1	1.7	2.1	2.7	3.4	
1970	2.2	3.0	2.1	4.0	1.5	1.5	1.6	1.8	2.3	2.6	2.7	3.4	
1971	2.9	2.7	3.6	3.6	2.3	1.1	1.9	2.5	1.4	2.2	2.5	1.9	
1972	2.4	4.1	3.1	1.5	2.8	3.0	1.4	1.4	2.5	2.5	3.4	3.5	
1973	3.6	3.6	3.5	3.1	2.5	1.7	1.5	2.1	2.2	2.7	3.1	4.2	
1974	2.9	3.4	3.7	3.2	2.5	1.6	1.4	2.0	2.3	1.9	2.0	3.3	
1975	2.9	3.5	3.5	2.9	1.3	1.7	1.8	0.8	2.1	1.6	2.3	3.1	

LARGEST HS(METRES) FOR STATION 42 = 4.2

STATION 43 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 67.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1500	3482	1950	1404	419	42	3	.	.	.	8800	
0.50 - 0.99	.	595	3078	1978	121	11	.	.	.	.	5783
1.00 - 1.49	.	.	44	321	66	8	.	.	.	.	439
1.50 - 1.99	3	.	.	.	.	.	11	
2.00 - 2.49	0	
2.50 - 2.99	0	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	1500	4077	5072	3706	617	61	3	0	0	0		

AVERAGE HS(M) = 0.46 LARGEST HS(M) = 2.21 ANGLE CLASS % = 15.0

STATION 43 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 67.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	959	1680	3246	604	2092	4601	1363	59	15	.	10769	
0.50-0.99	.	1625	296	1531	159	4245	2700	20	5	.	12604	
1.00-1.49	.	.	.	77	610	999	918	27	5	.	4386	
1.50-1.99	343	562	337	39	10	.	1568	
2.00-2.49	54	328	184	13	11	.	590	
2.50-2.99	15	46	20	.	.	81	
3.00-3.49	5	18	.	.	23	
3.50-3.99	0	
4.00-4.49	0	
4.50-4.99	0	
5.00-GREATER	0	
TOTAL	959	3305	3542	2212	3258	10750	5553	196	47	0		

AVERAGE HS(M) = 0.73 LARGEST HS(M) = 4.20 ANGLE CLASS % = 29.8

STATION 43 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 67.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	545	773	1279	83	1315	2393	1307	171	268	152	6924	
0.50-0.99	.	780	184	593	201	3018	1883	349	492	1435	8610	
1.00-1.49	.	.	1	70	87	835	660	188	446	27	3136	
1.50-1.99	242	297	340	114	131	27	1222	
2.00-2.49	71	383	220	73	41	4	596	
2.50-2.99	56	184	61	22	.	326	
3.00-3.49	23	63	10	.	99	
3.50-3.99	10	1	.	32	
4.00-4.49	0	
4.50-4.99	0	
5.00- GREATER	0	
TOTAL	545	1553	1464	746	1916	6982	4617	1029	1428	869		

AVERAGE HS(M) = 0.82 LARGEST HS(M) = 4.18 ANGLE CLASS % = 21.2

STATION 43 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 67.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	451	586	1211	55	643	1545	1454	256	183	508	5626
0.50-0.99	.	797	222	703	69	860	1274	308	111	1020	2717
1.00-1.49	.	.	.	85	236	180	161	42	39	460	1602
1.50-1.99	.	.	.	.	66	254	123	10	1	10	457
2.00-2.49	.	.	.	.	.	46	85	32	5	.	165
2.50-2.99	.	.	.	.	.	.	10	3	.	.	43
3.00-3.49	.	.	.	.	.	.	.	.	.	.	1
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	451	1383	1438	847	1107	3063	3426	679	417	2105	0
TOTAL	451	1383	1438	847	1107	3063	3426	679	417	2105	0

AVERAGE HS(M) = 0.76 LARGEST HS(M) = 4.11 ANGLE CLASS % = 14.9

STATION 43 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 67.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	333	561	5	374	658	1425	912	83	208	4185	4185
0.50-0.99	.	456	1148	374	135	924	773	184	171	23	4168
1.00-1.49	.	.	118	8	415	453	265	255	34	5	1865
1.50-1.99	.	.	.	.	140	431	27	158	1	.	897
2.00-2.49	.	.	.	.	32	135	76	16	.	.	253
2.50-2.99	.	.	.	.	.	6	11	1	.	.	30
3.00-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	333	1017	1271	974	1380	3374	2096	331	414	31	0
TOTAL	333	1017	1271	974	1380	3374	2096	331	414	31	0

AVERAGE HS(M) = 0.75 LARGEST HS(M) = 3.31 ANGLE CLASS % = 11.2

STATION 43 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 67.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	530	1279	1059	1170	318	56	.	.	.	.	4412
0.50-0.99	.	80	751	862	193	15	.	.	.	.	1901
1.00-1.49	.	.	5	53	29	.	.	.	.	.	87
1.50-1.99	.	.	.	.	1	.	.	.	.	.	3
2.00-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	530	1359	1815	2085	544	71	0	0	0	0	0
TOTAL	530	1359	1815	2085	544	71	0	0	0	0	0

AVERAGE HS(M) = 0.37 LARGEST HS(M) = 2.09 ANGLE CLASS % = 6.4

MEAN HS(METRES) BY MONTH AND YEAR

STATION 43

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.9	0.9	0.7	0.9	0.5	0.7	0.7	0.4	0.5	0.8	0.7	0.7	0.7
1957	0.5	0.6	0.6	0.7	0.5	0.5	0.7	0.5	0.5	0.6	0.9	1.3	0.7
1958	0.8	0.6	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.7	0.8	0.5	0.7
1959	0.8	0.7	0.8	0.7	0.4	0.5	0.7	0.5	0.3	0.9	1.0	0.7	0.7
1960	0.5	1.0	0.6	1.0	0.6	0.8	0.6	0.6	0.5	0.5	0.6	0.5	0.7
1961	0.6	0.8	0.6	0.9	0.7	0.8	0.5	0.5	0.7	0.8	0.7	0.7	0.7
1962	0.8	0.7	1.0	1.0	0.4	0.5	0.5	0.5	0.5	0.7	0.8	1.1	0.7
1963	0.6	0.6	0.9	0.5	0.8	0.5	0.5	0.4	0.7	0.5	1.0	0.5	0.6
1964	1.0	0.8	0.9	0.8	0.6	0.5	0.6	0.6	0.7	0.6	0.7	0.8	0.7
1965	0.7	0.8	0.7	0.6	0.4	0.5	0.5	0.7	0.5	0.7	0.8	0.6	0.6
1966	0.6	0.5	0.6	0.6	0.7	0.8	0.7	0.6	0.7	0.5	0.7	0.7	0.6
1967	0.7	0.9	1.1	0.6	0.7	0.5	0.6	0.7	0.6	0.7	0.6	0.7	0.7
1968	0.4	0.5	0.8	0.6	0.7	0.7	0.5	0.5	0.4	0.5	0.8	0.8	0.6
1969	0.7	0.7	1.2	1.0	0.8	0.5	0.5	0.8	0.6	0.5	0.8	0.8	0.7
1970	0.4	0.9	0.6	0.8	0.7	0.7	0.6	0.5	0.5	0.6	0.7	0.7	0.6
1971	0.6	1.0	0.8	0.7	1.0	0.7	0.7	0.6	0.5	0.8	0.6	0.6	0.7
1972	0.8	1.0	1.0	0.6	0.8	0.8	0.5	0.4	0.5	0.8	0.8	0.9	0.7
1973	0.8	0.8	0.8	0.9	0.8	0.7	0.5	0.4	0.4	0.7	1.1	1.5	0.8
1974	0.8	0.8	1.3	1.2	0.6	0.6	0.5	0.5	0.4	0.4	0.6	0.8	0.7
1975	0.9	1.1	0.8	0.6	0.3	0.6	0.8	0.3	0.4	0.4	0.7	1.1	0.7
MEAN	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.6	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 43

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.5	2.6	2.9	4.2	1.8	2.0	2.4	1.1	2.2	2.0	2.4	2.4
1957	2.0	2.0	2.5	2.8	1.2	2.4	1.5	1.2	2.1	1.8	2.6	2.7
1958	2.5	2.9	3.2	2.1	1.6	1.5	1.4	2.3	1.5	2.3	2.4	1.7
1959	3.4	2.4	3.0	2.3	1.2	1.3	2.5	1.4	1.0	3.0	2.7	2.8
1960	2.2	3.5	2.5	2.8	1.3	1.8	2.8	1.7	2.4	2.5	2.2	2.3
1961	1.9	2.9	2.7	2.6	2.5	2.2	1.2	1.4	3.1	1.7	2.1	2.1
1962	2.5	1.7	2.7	3.0	1.1	1.3	1.4	1.5	1.4	2.2	2.9	3.9
1963	2.4	2.5	2.4	1.9	3.2	1.5	1.5	2.5	2.3	1.8	3.6	2.5
1964	3.7	3.0	2.6	2.2	1.3	1.2	1.6	2.4	2.0	1.7	2.6	2.4
1965	2.5	2.6	2.0	2.0	0.9	1.3	1.5	1.5	1.6	2.4	2.3	2.1
1966	2.9	2.3	1.9	2.0	1.6	2.5	1.7	2.0	2.6	1.3	2.6	2.5
1967	2.4	2.6	2.3	2.0	2.4	1.4	1.3	1.4	2.1	2.5	2.4	2.6
1968	2.4	1.6	2.8	2.4	2.6	1.9	0.9	1.3	1.6	2.0	3.1	3.3
1969	2.0	2.2	2.9	2.1	2.9	1.1	1.3	2.1	1.7	2.1	2.7	3.4
1970	2.2	2.9	2.1	4.0	1.5	1.4	1.6	1.8	2.3	2.6	2.7	3.4
1971	2.9	2.7	3.6	3.4	2.2	1.1	1.9	2.5	1.4	2.2	2.5	1.8
1972	2.4	4.1	3.1	1.5	2.8	3.0	1.4	1.4	2.6	2.5	3.4	3.5
1973	3.4	3.6	3.5	3.1	2.4	1.7	1.4	2.1	2.2	2.8	3.1	4.2
1974	2.9	3.4	3.7	3.2	2.5	1.7	1.4	1.9	2.3	1.9	2.0	3.3
1975	2.9	3.3	3.6	2.9	1.3	1.7	1.8	0.8	2.1	1.6	2.3	3.2

LARGEST HS(METRES) FOR STATION 43 = 4.2

STATION 44 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 68.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	-	0.49	1507	3467	1995	1449	432	44	.	.	.	8914
0.50-0.99	-	0.99	.	568	3044	1991	132	10	.	.	.	5749
1.00-1.49	-	1.49	.	.	42	328	65	11	.	.	.	446
1.50-1.99	-	1.99	.	.	.	3	10	.	.	.	.	13
2.00-2.49	-	2.49	.	.	.	.	3	.	.	.	.	0
2.50-2.99	-	2.99	.	.	.	.	.	.	.	.	.	0
3.00-3.49	-	3.49	.	.	.	.	.	.	.	.	.	0
3.50-3.99	-	3.99	.	.	.	.	.	.	.	.	.	0
4.00-4.49	-	4.49	.	.	.	.	.	.	.	.	.	0
4.50-4.99	-	4.99	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	-	GREATER	.	.	.	.	.	.	.	.	.	0
TOTAL			1507	4055	5081	3771	646	65	0	0	0	
AVERAGE HS(M) = 0.45 LARGEST HS(M) = 2.21 ANGLE CLASS % = 15.1												

AVERAGE HS(M) = 0.45 LARGEST HS(M) = 2.21 ANGLE CLASS % = 15.1

STATION 44 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 68.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	977	1711	3299	614	1613	2748	511	53	15	.	7628
0.50 - 0.99	.	1622	294	1565	152	3088	1214	20	10	.	10028
1.00 - 1.49	.	.	.	80	612	200	746	10	10	.	412
1.50 - 1.99	330	530	332	10	10	.	124
2.00 - 2.49	56	13	51	10	10	.	124
2.50 - 2.99	6	10	10	.	124
3.00 - 3.49	10	10	.	124
3.50 - 3.99	10	10	.	124
4.00 - 4.49	10	10	.	124
4.50 - 4.99	10	10	.	124
5.00 - GREATER	10	10	.	124
TOTAL	977	3333	3593	2259	2763	7619	3040	190	46	0	

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 4.20 ANGLE CLASS % = 23.8

STATION 44 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 68.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER		
0.0-0.49	566	799	1293	88	1788	4123	2108	162	268	154	9968	
0.50-0.99	.	778	193	581	213	4252	3424	355	491	124	11419	
1.00-1.49	.	.	1	65	92	961	852	198	443	124	3431	
1.50-1.99	246	314	338	114	130	124	124	
2.00-2.49	71	386	231	73	259	124	124	
2.50-2.99	58	188	13	259	124	124	
3.00-3.49	23	13	10	124	124	
3.50-3.99	13	10	124	124	
4.00-4.49	13	10	124	124	
4.50-4.99	13	10	124	124	
5.00-GREATER	13	10	124	124	
TOTAL	566	1577	1487	734	2410	10094	7164	1039	1424	871		

AVERAGE HS(M) = 0.76 LARGEST HS(M) = 4.24 ANGLE CLASS % = 27.4

MEAN HS(METRES) BY MONTH AND YEAR

STATION 44

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.9	0.7	0.9	0.5	0.7	0.7	0.4	0.5	0.8	0.7	0.7	0.7
1957	0.5	0.6	0.6	0.7	0.5	0.5	0.7	0.5	0.5	0.6	0.9	1.3	0.7
1958	0.8	0.7	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.7	0.8	0.5	0.7
1959	0.8	0.7	0.8	0.7	0.4	0.5	0.7	0.5	0.3	0.9	1.0	0.7	0.7
1960	0.5	1.0	0.6	1.0	0.6	0.8	0.5	0.6	0.5	0.5	0.6	0.5	0.6
1961	0.6	0.8	0.6	0.9	0.7	0.8	0.5	0.5	0.7	0.8	0.7	0.7	0.7
1962	0.8	0.7	1.0	1.0	0.4	0.5	0.6	0.5	0.5	0.7	0.8	1.1	0.7
1963	0.6	0.7	0.9	0.5	0.8	0.5	0.5	0.4	0.7	0.5	1.0	0.5	0.6
1964	1.0	0.8	0.9	0.8	0.6	0.5	0.6	0.6	0.7	0.6	0.7	0.9	0.7
1965	0.7	0.8	0.7	0.6	0.4	0.5	0.5	0.7	0.5	0.7	0.8	0.6	0.6
1966	0.6	0.5	0.6	0.6	0.7	0.8	0.7	0.6	0.7	0.5	0.7	0.7	0.6
1967	0.7	0.9	1.1	0.6	0.7	0.5	0.6	0.7	0.6	0.7	0.6	0.7	0.7
1968	0.4	0.5	0.8	0.6	0.7	0.7	0.5	0.5	0.4	0.5	0.8	0.8	0.6
1969	0.7	0.7	1.2	1.0	0.8	0.5	0.5	0.8	0.6	0.5	0.8	0.8	0.7
1970	0.4	0.9	0.6	0.8	0.7	0.7	0.6	0.5	0.5	0.6	0.7	0.7	0.7
1971	0.6	1.0	0.8	0.7	1.0	0.7	0.7	0.6	0.5	0.7	0.6	0.6	0.7
1972	0.8	1.0	1.0	0.6	0.8	0.8	0.5	0.4	0.5	0.8	0.8	0.9	0.7
1973	0.8	0.8	0.8	0.9	0.8	0.7	0.5	0.4	0.4	0.7	1.2	1.5	0.8
1974	0.8	0.8	1.3	1.2	0.6	0.6	0.5	0.5	0.4	0.4	0.6	0.8	0.7
1975	0.9	1.1	0.8	0.6	0.3	0.6	0.7	0.3	0.4	0.4	0.7	1.1	0.7
MEAN	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.6	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 44

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.3	2.8	2.6	4.2	1.8	2.0	2.4	1.1	2.0	2.0	2.4	2.4	
1957	2.1	2.0	2.5	2.9	1.2	2.4	1.5	1.2	2.1	1.7	2.7	2.7	
1958	2.5	2.9	3.2	2.1	1.6	1.5	1.4	2.3	1.5	2.3	2.4	1.7	
1959	3.4	2.4	3.0	2.3	1.3	1.3	2.5	1.4	1.0	3.0	2.7	2.9	
1960	2.2	3.5	2.5	2.8	1.4	1.8	2.8	1.7	2.4	2.5	2.2	2.3	
1961	2.1	2.9	2.7	2.6	2.5	2.2	1.2	1.4	3.1	1.7	2.1	2.1	
1962	2.5	1.7	2.7	3.0	1.1	1.3	1.4	1.5	1.4	2.4	2.9	3.9	
1963	2.4	2.5	2.4	1.9	3.2	1.5	1.5	2.5	2.4	1.8	3.8	2.5	
1964	3.7	3.0	2.6	2.2	1.3	1.2	1.5	2.4	2.0	1.7	2.6	2.4	
1965	2.5	2.6	2.0	2.0	0.9	1.4	1.5	1.5	1.6	2.4	2.3	2.1	
1966	3.0	2.3	1.9	2.0	1.6	2.5	1.7	2.0	2.6	1.3	2.6	2.5	
1967	2.4	2.6	2.3	2.0	2.4	1.4	1.3	1.4	2.1	2.5	2.4	2.6	
1968	2.4	1.6	2.8	2.4	2.6	1.9	0.9	1.3	1.6	2.0	3.1	3.3	
1969	2.0	2.2	2.9	2.1	2.9	1.1	1.3	2.1	1.7	2.1	2.7	3.4	
1970	2.2	2.9	2.1	4.0	1.5	1.5	1.6	1.8	2.3	2.6	2.7	3.4	
1971	2.9	2.7	3.6	3.6	2.2	1.1	1.9	2.5	1.4	2.2	2.5	1.9	
1972	2.4	4.1	3.1	1.5	2.8	3.0	1.4	1.4	2.5	2.5	3.4	3.5	
1973	3.5	3.6	3.5	3.1	2.4	1.7	1.4	2.1	2.2	2.8	3.1	4.2	
1974	2.9	3.4	3.7	3.2	2.5	1.7	1.4	1.9	2.3	1.9	2.0	3.3	
1975	2.9	3.3	3.6	2.9	1.3	1.7	1.8	0.8	2.1	1.6	2.3	3.2	

LARGEST HS(METRES) FOR STATION 44 = 4.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 45

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.9	0.7	0.9	0.5	0.7	0.7	0.4	0.5	0.9	0.7	0.7	0.7
1957	0.5	0.6	0.6	0.7	0.5	0.5	0.7	0.5	0.5	0.6	0.9	1.3	0.7
1958	0.8	0.6	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.8	0.8	0.5	0.7
1959	0.7	0.7	0.8	0.7	0.4	0.5	0.7	0.5	0.3	0.9	1.0	0.7	0.7
1960	0.5	1.0	0.6	1.0	0.6	0.8	0.6	0.6	0.6	0.5	0.6	0.5	0.6
1961	0.6	0.8	0.6	0.9	0.7	0.8	0.5	0.5	0.7	0.8	0.7	0.7	0.7
1962	0.8	0.7	1.0	1.0	0.4	0.5	0.5	0.5	0.4	0.6	0.8	1.1	0.7
1963	0.6	0.6	0.9	0.5	0.8	0.5	0.5	0.4	0.7	0.5	1.0	0.5	0.6
1964	1.0	0.7	0.9	0.8	0.6	0.5	0.6	0.6	0.7	0.6	0.7	0.8	0.7
1965	0.7	0.8	0.7	0.6	0.4	0.5	0.5	0.7	0.5	0.7	0.8	0.6	0.6
1966	0.6	0.5	0.6	0.6	0.7	0.8	0.7	0.6	0.7	0.5	0.7	0.6	0.6
1967	0.7	0.9	1.1	0.6	0.7	0.5	0.6	0.7	0.6	0.7	0.6	0.7	0.7
1968	0.4	0.5	0.8	0.6	0.7	0.7	0.5	0.5	0.4	0.5	0.8	0.8	0.6
1969	0.7	0.7	1.2	1.0	0.8	0.5	0.5	0.8	0.6	0.5	0.8	0.8	0.7
1970	0.4	0.9	0.6	0.8	0.7	0.7	0.6	0.5	0.5	0.6	0.7	0.7	0.6
1971	0.6	0.9	0.8	0.7	1.0	0.7	0.7	0.6	0.5	0.8	0.6	0.6	0.7
1972	0.8	1.0	1.0	0.6	0.8	0.8	0.5	0.4	0.5	0.8	0.8	0.9	0.7
1973	0.8	0.8	0.8	0.9	0.8	0.7	0.5	0.4	0.4	0.6	1.1	1.5	0.8
1974	0.8	0.8	1.3	1.2	0.6	0.6	0.5	0.5	0.4	0.4	0.6	0.8	0.7
1975	0.9	1.1	0.8	0.6	0.3	0.6	0.8	0.3	0.4	0.4	0.7	1.1	0.7
MEAN	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.6	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

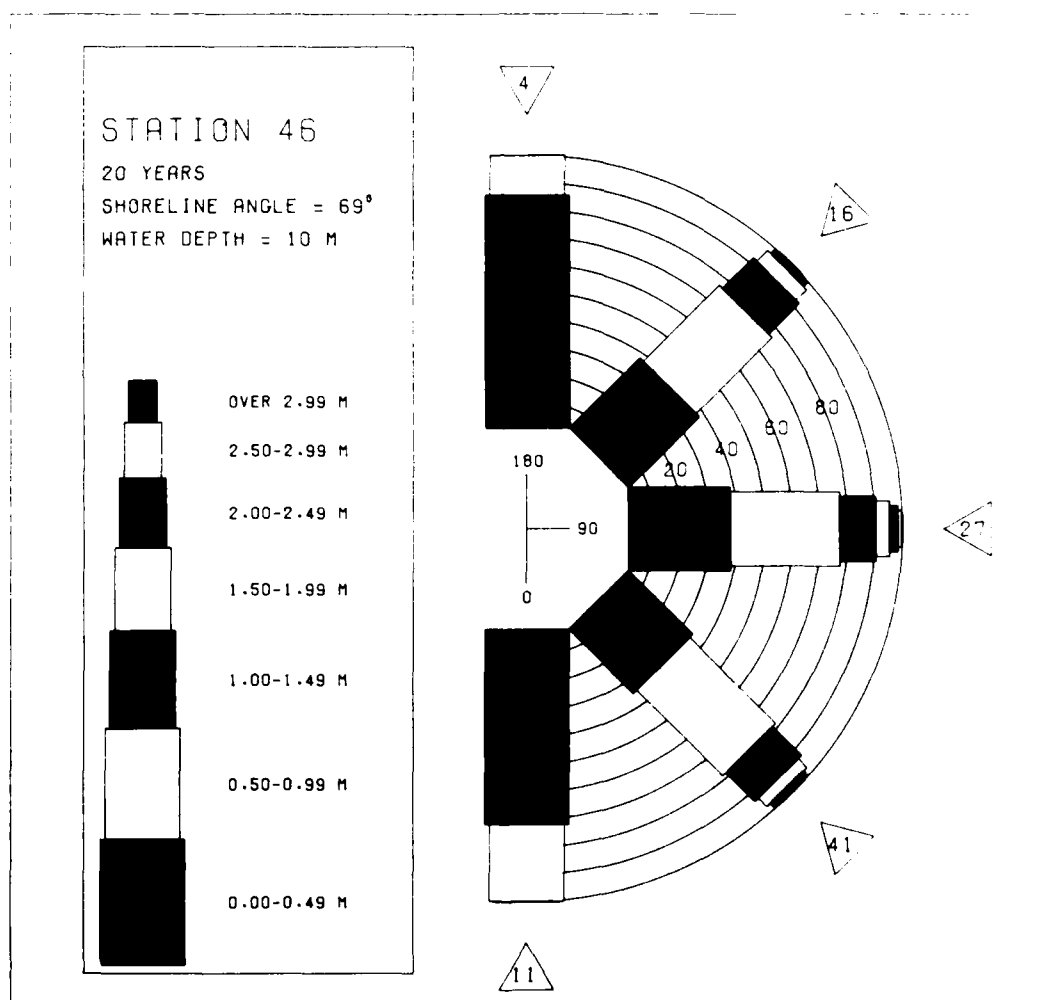
STATION 45

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.8	2.6	2.9	4.2	1.8	2.0	2.4	1.2	2.3	2.1	2.4	2.4	
1957	2.0	2.0	2.5	2.8	1.2	2.4	1.4	1.2	2.1	1.8	2.6	2.6	
1958	2.5	2.8	3.2	2.1	1.6	1.5	1.4	2.2	1.4	2.5	2.4	1.8	
1959	3.3	2.4	3.0	2.3	1.2	1.3	2.5	1.3	1.0	3.1	2.7	2.8	
1960	2.2	3.5	2.5	2.7	1.3	1.8	2.8	1.7	2.4	2.5	2.2	2.3	
1961	1.9	2.9	2.7	2.5	2.5	2.1	1.2	1.3	3.1	1.7	2.1	2.1	
1962	2.5	1.7	2.7	2.9	1.1	1.3	1.4	1.5	1.5	2.2	2.9	3.9	
1963	2.4	2.5	2.4	1.9	3.2	1.5	1.4	2.5	2.3	1.9	3.6	2.5	
1964	3.7	2.9	2.6	2.2	1.3	1.2	1.6	2.4	2.0	1.7	2.6	2.4	
1965	2.5	2.6	2.0	2.0	0.9	1.3	1.4	1.5	1.6	2.4	2.3	2.2	
1966	2.9	2.3	1.9	2.2	1.5	2.5	1.7	1.9	2.6	1.2	2.6	2.5	
1967	2.3	2.6	2.3	2.0	2.4	1.4	1.3	1.4	2.1	2.5	2.4	2.6	
1968	2.4	1.6	2.8	2.4	2.6	1.9	0.9	1.3	1.6	2.0	3.1	3.1	
1969	2.0	2.2	2.9	2.1	2.9	1.1	1.3	2.1	1.7	1.9	2.7	3.4	
1970	2.2	2.9	2.1	4.0	1.5	1.4	1.6	1.8	2.3	2.6	2.7	3.2	
1971	2.9	2.7	3.6	3.4	2.2	1.2	1.9	2.5	1.4	2.2	2.5	1.8	
1972	2.4	4.1	3.0	1.5	2.8	3.0	1.3	1.4	2.8	2.5	3.4	3.5	
1973	3.4	3.5	3.5	3.1	2.4	1.7	1.4	2.1	2.2	2.8	3.1	4.0	
1974	2.9	3.2	3.7	3.1	2.5	1.8	1.4	1.9	2.3	1.9	2.0	3.3	
1975	2.9	3.3	3.6	2.7	1.3	1.7	1.8	0.8	2.1	1.6	2.3	3.2	

LARGEST HS(METRES) FOR STATION 45 = 4.2

STATION 46 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 69.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	444	844	307	258	539	983	499	57	71	65	4057
0.50-0.99	436	846	1082	401	90	904	648	23	160	160	3875
1.00-1.49	..	..	87	385	130	254	215	17	54	61	1214
1.50-1.99	..	..	..	24	22	110	60	19	17	10	303
2.00-2.49	..	..	..	..	..	12	34	11	3	1	61
2.50-2.99	..	..	..	..	..	..	..	11	2	..	16
3.00-3.49	..	..	..	..	..	..	..	..	..	..	6
3.50-3.99	..	..	..	..	..	..	..	..	..	..	0
4.00-4.49	..	..	..	..	..	..	..	..	..	..	0
4.50-4.99	..	..	..	..	..	..	..	..	..	..	0
5.00- GREATER	..	..	..	..	..	..	..	..	..	..	0
TOTAL	444	1280	1476	1068	878	2405	1551	219	223	297	
AVE HS(M) = 0.68 LARGEST HS(M) = 4.24 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 46

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.9	0.7	0.9	0.5	0.7	0.7	0.4	0.5	0.8	0.7	0.7	0.7
1957	0.5	0.6	0.6	0.7	0.5	0.5	0.7	0.5	0.5	0.6	0.9	1.3	0.7
1958	0.8	0.7	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.7	0.8	0.5	0.7
1959	0.8	0.7	0.8	0.7	0.5	0.5	0.7	0.5	0.3	0.9	1.0	0.7	0.7
1960	0.5	1.0	0.6	1.0	0.6	0.8	0.5	0.6	0.5	0.5	0.6	0.5	0.6
1961	0.6	0.8	0.6	0.9	0.7	0.8	0.5	0.5	0.7	0.8	0.7	0.7	0.7
1962	0.8	0.7	1.0	1.0	0.4	0.5	0.6	0.5	0.5	0.7	0.8	1.1	0.7
1963	0.6	0.7	0.9	0.5	0.8	0.6	0.5	0.4	0.7	0.4	1.0	0.5	0.6
1964	1.0	0.8	0.9	0.7	0.6	0.5	0.6	0.6	0.7	0.6	0.7	0.9	0.7
1965	0.7	0.8	0.7	0.6	0.4	0.5	0.5	0.7	0.5	0.7	0.8	0.6	0.6
1966	0.6	0.5	0.6	0.6	0.7	0.8	0.7	0.6	0.7	0.5	0.7	0.6	0.6
1967	0.7	0.9	1.0	0.6	0.7	0.5	0.6	0.7	0.6	0.7	0.6	0.7	0.7
1968	0.4	0.5	0.8	0.6	0.7	0.7	0.5	0.5	0.4	0.5	0.8	0.8	0.6
1969	0.7	0.7	1.2	1.0	0.8	0.5	0.5	0.8	0.6	0.5	0.8	0.8	0.7
1970	0.4	0.9	0.6	0.3	0.7	0.7	0.6	0.5	0.5	0.6	0.7	0.7	0.7
1971	0.6	1.0	0.8	0.7	1.0	0.7	0.7	0.6	0.5	0.7	0.6	0.7	0.7
1972	0.8	1.0	1.1	0.6	0.8	0.8	0.5	0.4	0.5	0.3	0.8	0.9	0.7
1973	0.8	0.8	0.8	0.9	0.3	0.7	0.5	0.4	0.4	0.7	1.2	1.5	0.8
1974	0.8	0.8	1.3	1.2	0.6	0.6	0.6	0.5	0.4	0.4	0.6	0.8	0.7
1975	0.9	1.1	0.8	0.6	0.3	0.6	0.7	0.3	0.4	0.4	0.7	1.1	0.7
MEAN	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.5	0.6	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 46

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.3	2.8	2.6	4.2	1.8	2.0	2.4	1.1	2.0	2.0	2.4	2.4
1957	2.1	2.0	2.5	2.9	1.2	2.4	1.5	1.2	2.1	1.7	2.7	2.7
1958	2.5	2.9	3.2	2.1	1.5	1.5	1.4	2.3	1.5	2.3	2.4	1.7
1959	3.5	2.4	3.0	2.3	1.3	1.3	2.5	1.4	1.0	3.0	2.7	2.9
1960	2.2	3.5	2.5	2.8	1.4	1.8	2.8	1.7	2.4	2.5	2.2	2.3
1961	2.1	3.0	2.7	2.6	2.5	2.2	1.2	1.4	3.1	1.7	2.1	2.1
1962	2.5	1.7	2.7	3.0	1.1	1.3	1.4	1.5	1.4	2.4	2.9	3.9
1963	2.4	2.5	2.4	1.9	3.2	1.5	1.5	2.5	2.4	1.3	3.8	2.5
1964	3.7	3.0	2.6	2.2	1.3	1.2	1.5	2.4	2.0	1.7	2.6	2.4
1965	2.5	2.6	2.0	2.0	0.9	1.4	1.5	1.5	1.6	2.4	2.3	2.1
1966	3.0	2.3	1.8	2.0	1.6	2.5	1.7	2.0	2.6	1.3	2.6	2.5
1967	2.4	2.6	2.3	2.0	2.3	1.4	1.3	1.4	2.1	2.5	2.4	2.6
1968	2.4	1.6	2.8	2.4	2.6	1.9	1.0	1.4	1.6	2.0	3.1	3.5
1969	1.8	2.0	2.9	2.1	2.9	1.1	1.3	2.1	1.7	2.1	2.7	3.4
1970	2.2	2.9	2.1	4.0	1.5	1.5	1.6	1.8	2.3	2.6	2.7	3.4
1971	2.9	2.7	3.6	3.6	2.3	1.1	1.9	2.5	1.4	2.2	2.5	1.9
1972	2.4	4.1	3.1	1.5	2.8	3.0	1.4	1.4	2.5	2.5	3.4	3.5
1973	3.5	3.6	3.5	3.1	2.5	1.7	1.5	2.1	2.2	2.7	3.1	4.2
1974	2.9	3.4	3.7	3.2	2.5	1.6	1.4	2.0	2.3	1.9	2.0	3.3
1975	2.9	3.3	3.5	2.9	1.3	1.7	1.8	0.8	2.1	1.6	2.3	3.2

LARGEST HS(METRES) FOR STATION 46 = 4.2

STATION 47 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 68.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49		619	826		331	63	39	56	66	287		2267
0.5-0.99			884		107	188	37	41	9	210		1200
1.0-1.49			1305	123	107	188	37	41	9	210		1200
1.5-1.99			213	679	277	188	37	41	9	210		1200
2.0-2.49				46	46	188	37	41	9	210		1200
2.5-2.99						188	37	41	9	210		1200
3.0-3.49						188	37	41	9	210		1200
3.5-3.99						188	37	41	9	210		1200
4.0-4.49						188	37	41	9	210		1200
4.5-4.99						188	37	41	9	210		1200
5.0-5.49						188	37	41	9	210		1200
5.5-5.99						188	37	41	9	210		1200
6.0-6.49						188	37	41	9	210		1200
6.5-6.99						188	37	41	9	210		1200
7.0-7.49						188	37	41	9	210		1200
7.5-7.99						188	37	41	9	210		1200
8.0-8.49						188	37	41	9	210		1200
8.5-8.99						188	37	41	9	210		1200
9.0-9.49						188	37	41	9	210		1200
9.5-9.99						188	37	41	9	210		1200
10.0-10.49						188	37	41	9	210		1200
10.5-10.99						188	37	41	9	210		1200
11.0-11.49						188	37	41	9	210		1200
11.5-11.99						188	37	41	9	210		1200
12.0-12.49						188	37	41	9	210		1200
12.5-12.99						188	37	41	9	210		1200
13.0-13.49						188	37	41	9	210		1200
13.5-13.99						188	37	41	9	210		1200
14.0-14.49						188	37	41	9	210		1200
14.5-14.99						188	37	41	9	210		1200
15.0-15.49						188	37	41	9	210		1200
15.5-15.99						188	37	41	9	210		1200
16.0-16.49						188	37	41	9	210		1200
16.5-16.99						188	37	41	9	210		1200
17.0-17.49						188	37	41	9	210		1200
17.5-17.99						188	37	41	9	210		1200
18.0-18.49						188	37	41	9	210		1200
18.5-18.99						188	37	41	9	210		1200
19.0-19.49						188	37	41	9	210		1200
19.5-19.99						188	37	41	9	210		1200
20.0-20.49						188	37	41	9	210		1200
20.5-20.99						188	37	41	9	210		1200
21.0-21.49						188	37	41	9	210		1200
21.5-21.99						188	37	41	9	210		1200
22.0-22.49						188	37	41	9	210		1200
22.5-22.99						188	37	41	9	210		1200
23.0-23.49						188	37	41	9	210		1200
23.5-23.99						188	37	41	9	210		1200
24.0-24.49						188	37	41	9	210		1200
24.5-24.99						188	37	41	9	210		1200
25.0-25.49						188	37	41	9	210		1200
25.5-25.99						188	37	41	9	210		1200
26.0-26.49						188	37	41	9	210		1200
26.5-26.99						188	37	41	9	210		1200
27.0-27.49						188	37	41	9	210		1200
27.5-27.99						188	37	41	9	210		1200
28.0-28.49						188	37	41	9	210		1200
28.5-28.99						188	37	41	9	210		1200
29.0-29.49						188	37	41	9	210		1200
29.5-29.99						188	37	41	9	210		1200
30.0-30.49						188	37	41	9	210		1200
30.5-30.99						188	37	41	9	210		1200
31.0-31.49						188	37	41	9	210		1200
31.5-31.99						188	37	41	9	210		1200
32.0-32.49						188	37	41	9	210		1200
32.5-32.99						188	37	41	9	210		1200
33.0-33.49						188	37	41	9	210		1200
33.5-33.99						188	37	41	9	210		1200
34.0-34.49						188	37	41	9	210		1200
34.5-34.99						188	37	41	9	210		1200
35.0-35.49						188	37	41	9	210		1200
35.5-35.99						188	37	41	9	210		1200
36.0-36.49						188	37	41	9	210		1200
36.5-36.99						188	37	41	9	210		1200
37.0-37.49						188	37	41	9	210		1200
37.5-37.99						188	37	41	9	210		1200
38.0-38.49						188	37	41	9	210		1200
38.5-38.99						188	37	41	9	210		1200
39.0-39.49						188	37	41	9	210		1200
39.5-39.99						188	37	41	9	210		1200
40.0-40.49						188	37	41	9	210		1200
40.5-40.99						188	37	41	9	210		1200
41.0-41.49						188	37	41	9	210		1200
41.5-41.99						188	37	41	9	210		1200
42.0-42.49						188	37	41	9	210		1200
42.5-42.99						188	37	41	9	210		1200
43.0-43.49						188	37	41	9	210		1200
43.5-43.99						188	37	41	9	210		1200
44.0-44.49						188	37	41	9	210		1200
44.5-44.99						188	37	41	9	210		1200
45.0-45.49						188	37	41	9	210		1200
45.5-45.99						188	37	41	9	210		1200
46.0-46.49						188	37	41	9	210		1200
46.5-46.99						188	37	41	9	210		1200
47.0-47.49						188	37	41	9	210		1200
47.5-47.99						188	37	41	9	210		1200
48.0-48.49						188	37	41	9	210		1200
48.5-48.99						188	37	41	9	210		1200
49.0-49.49						188	37	41	9	210		1200
49.5-49.99						188	37	41	9	210		1200
50.0-50.49						188	37	41	9	210		1200
50.5-50.99						188	37	41	9	210		1200
51.0-51.49						188	37	41	9	210		1200
51.5-51.99						188	37	41	9	210		1200
52.0-52.49						188	37	41	9	210		1200
52.5-52.99						188	37	41	9	210		1200
53.0-53.49						188	37	41	9	210		1200
53.5-53.99						188	37	41	9	210		1200
54.0-54.49						188	37	41	9	210		1200
54.5-54.99						188	37	41	9	210		1200
55.0-55.49						188	37	41	9	210		1200
55.5-55.99						188	37	41	9	210		1200
56.0-56.49						188	37	41	9	210		1200
56.5-56.99						188	37	41	9	210		1200
57.0-57.49						188	37	41	9	210		1200
57.5-57.99						188	37	41	9	210		1200
58.0-58.49						188	37	41	9	210		1200
58.5-58.99						188	37	41	9	210		1200
59.0-59.49						188	37	41	9	210		1200
59.5-59.99						188	37	41	9	210		1200
60.0-60.49						188	37	41	9	210		1200
60.5-60.99						188	37	41	9	210		1200
61.0-61.49						188	37	41	9	210		1200
61.5-61.99						188	37	41	9	210		1200
62.0-62.49						188	37	41	9	210		1200
62.5-62.99						188	37	41	9	210		1200
63.0-63.49						188	37	41	9	210		1200
63.5-63.99						188	37	41	9	210		1200
64.0-64.49						188	37	41	9	210		1200
64.5-64.99						188	37	41	9	210		1200
65.0-65.49						188	37	41	9	210		1200
65.5-65.99						188	37	41	9	210		1200
66.0-66.49						188						

MEAN HS(METRES) BY MONTH AND YEAR

STATION 47

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.9	0.7	0.9	0.5	0.6	0.8	0.5	0.5	0.8	0.7	0.7	0.7
1957	0.5	0.7	0.6	0.7	0.6	0.6	0.7	0.5	0.5	0.6	0.9	1.3	0.7
1958	0.6	0.6	0.6	0.8	0.6	0.4	0.6	0.6	0.4	0.7	0.7	0.5	0.6
1959	0.7	0.7	0.8	0.8	0.5	0.5	0.7	0.5	0.3	0.8	0.7	0.6	0.6
1960	0.5	1.0	0.5	1.0	0.7	0.8	0.6	0.6	0.6	0.5	0.6	0.5	0.6
1961	0.6	0.8	0.6	0.9	0.7	0.8	0.5	0.5	0.6	0.6	0.6	0.7	0.7
1962	0.8	0.6	1.0	1.0	0.4	0.5	0.6	0.5	0.4	0.6	0.8	1.0	0.7
1963	0.6	0.6	1.0	0.5	0.7	0.6	0.6	0.5	0.6	0.5	0.9	0.5	0.6
1964	1.0	0.8	0.9	0.8	0.7	0.6	0.7	0.6	0.6	0.5	0.7	0.8	0.7
1965	0.7	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.5	0.7	0.8	0.6	0.6
1966	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.7	0.7	0.5	0.6	0.6	0.6
1967	0.7	0.9	1.2	0.7	0.7	0.5	0.7	0.9	0.6	0.6	0.6	0.8	0.7
1968	0.4	0.5	0.7	0.6	0.7	0.5	0.3	0.3	0.3	0.5	0.7	0.7	0.5
1969	0.6	0.6	0.8	0.7	0.7	0.5	0.5	0.8	0.5	0.5	0.8	0.7	0.6
1970	0.5	0.9	0.7	0.8	0.6	0.6	0.6	0.5	0.6	0.7	0.7	0.6	0.7
1971	0.7	1.0	0.8	0.8	1.0	0.6	0.7	0.6	0.5	0.8	0.5	0.7	0.7
1972	0.8	1.0	1.0	0.6	0.8	0.8	0.5	0.5	0.5	0.7	0.8	0.8	0.7
1973	0.8	0.7	0.9	0.9	0.8	0.7	0.5	0.4	0.5	0.7	1.1	1.4	0.8
1974	0.7	0.8	1.2	1.1	0.6	0.6	0.5	0.5	0.4	0.3	0.6	0.7	0.7
1975	0.8	0.7	0.8	0.5	0.3	0.6	0.8	0.6	0.4	0.4	0.7	0.9	0.6
MEAN	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 47

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.6	2.5	3.0	3.6	1.9	1.9	2.2	1.2	2.0	2.1	2.2	2.2
1957	2.0	2.0	2.0	2.8	1.4	2.4	1.5	1.3	2.0	2.2	2.5	2.6
1958	2.4	2.5	2.7	2.1	1.6	1.5	1.6	2.3	1.5	2.4	2.8	1.6
1959	3.1	2.2	3.0	2.2	1.3	2.0	2.4	1.3	1.0	2.8	2.5	2.5
1960	2.2	3.4	2.8	2.8	1.9	1.6	2.9	1.5	2.3	2.4	2.0	2.6
1961	2.0	2.8	2.3	2.5	2.5	2.1	1.2	1.5	2.8	1.3	2.3	2.0
1962	2.5	2.1	2.8	3.3	1.1	1.3	1.6	1.6	1.4	2.2	2.6	3.4
1963	2.4	2.3	2.5	2.1	2.9	2.0	1.5	2.5	2.1	1.9	2.9	2.6
1964	3.3	2.9	2.3	2.1	1.5	1.3	1.9	2.0	1.8	1.7	2.6	2.5
1965	2.7	2.7	2.0	1.9	1.0	1.2	1.8	1.5	1.5	2.7	2.2	2.1
1966	3.4	2.2	1.9	2.0	2.1	2.3	2.1	1.8	2.7	1.5	2.7	2.4
1967	2.1	2.7	2.4	2.2	2.0	1.3	1.6	1.7	2.1	2.8	1.7	2.7
1968	2.6	1.7	2.8	2.3	2.8	2.4	0.9	1.1	1.5	2.3	3.4	2.7
1969	2.2	1.6	2.8	2.0	2.9	1.4	1.5	2.1	1.6	2.0	3.2	3.2
1970	2.5	3.0	2.1	3.5	1.4	1.6	1.6	1.9	2.2	2.5	2.7	3.6
1971	2.8	2.9	3.7	3.6	2.3	1.3	2.1	3.0	1.4	2.0	2.3	1.5
1972	2.2	4.1	3.1	1.7	2.3	3.2	1.1	1.6	1.8	2.8	3.4	2.5
1973	2.6	3.1	3.6	2.8	2.4	2.1	1.4	2.0	1.8	3.0	2.9	3.9
1974	2.4	3.4	3.3	3.2	2.2	1.8	1.4	1.8	2.3	1.9	2.2	3.4
1975	2.7	2.9	4.1	2.8	1.2	1.6	1.9	1.0	2.0	1.8	2.4	3.3

LARGEST HS(METRES) FOR STATION 47 = 4.1

STATION 48 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 67.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	479	892	376	337	731	825	310	40	22	48		4060
0.5-0.99	.	436	1108	324	179	980	504	51	70	112		3764
1.0-1.49	.	.	81	383	162	331	164	27	50	52		1280
1.5-1.99	.	.	.	19	106	162	74	13	20	19		415
2.0-2.49	20	12	25	16	4	4		189
2.5-2.99	1	7	1	.		54
3.0-3.49		11
3.5-3.99		0
4.0-4.49		0
4.5-4.99		0
5.0-5.99		0
6.0-6.99		0
7.0-7.99		0
8.0-8.99		0
9.0-9.99		0
10.0-10.99		0
11.0-11.99		0
12.0-12.99		0
13.0-13.99		0
14.0-14.99		0
15.0-15.99		0
16.0-16.99		0
17.0-17.99		0
18.0-18.99		0
19.0-19.99		0
20.0-20.99		0
21.0-21.99		0
22.0-22.99		0
23.0-23.99		0
24.0-24.99		0
25.0-25.99		0
26.0-26.99		0
27.0-27.99		0
28.0-28.99		0
29.0-29.99		0
30.0-30.99		0
31.0-31.99		0
32.0-32.99		0
33.0-33.99		0
34.0-34.99		0
35.0-35.99		0
36.0-36.99		0
37.0-37.99		0
38.0-38.99		0
39.0-39.99		0
40.0-40.99		0
41.0-41.99		0
42.0-42.99		0
43.0-43.99		0
44.0-44.99		0
45.0-45.99		0
46.0-46.99		0
47.0-47.99		0
48.0-48.99		0
49.0-49.99		0
50.0-50.99		0
51.0-51.99		0
52.0-52.99		0
53.0-53.99		0
54.0-54.99		0
55.0-55.99		0
56.0-56.99		0
57.0-57.99		0
58.0-58.99		0
59.0-59.99		0
60.0-60.99		0
61.0-61.99		0
62.0-62.99		0
63.0-63.99		0
64.0-64.99		0
65.0-65.99		0
66.0-66.99		0
67.0-67.99		0
68.0-68.99		0
69.0-69.99		0
70.0-70.99		0
71.0-71.99		0
72.0-72.99		0
73.0-73.99		0
74.0-74.99		0
75.0-75.99		0
76.0-76.99		0
77.0-77.99		0
78.0-78.99		0
79.0-79.99		0
80.0-80.99		0
81.0-81.99		0
82.0-82.99		0
83.0-83.99		0
84.0-84.99		0
85.0-85.99		0
86.0-86.99		0
87.0-87.99		0
88.0-88.99		0
89.0-89.99		0
90.0-90.99		0
91.0-91.99		0
92.0-92.99		0
93.0-93.99		0
94.0-94.99		0
95.0-95.99		0
96.0-96.99		0
97.0-97.99		0
98.0-98.99		0
99.0-99.99		0
100.0-100.99		0
101.0-101.99		0
102.0-102.99		0
103.0-103.99		0
104.0-104.99		0
105.0-105.99		0
106.0-106.99		0
107.0-107.99		0
108.0-108.99		0
109.0-109.99		0
110.0-110.99		0
111.0-111.99		0
112.0-112.99		0
113.0-113.99		0
114.0-114.99		0
115.0-115.99		0
116.0-116.99		0
117.0-117.99		0
118.0-118.99		0
119.0-119.99		0
120.0-120.99		0
121.0-121.99		0
122.0-122.99		0
123.0-123.99		0
124.0-124.99		0
125.0-125.99		0
126.0-126.99		0
127.0-127.99		0
128.0-128.99		0
129.0-129.99		0
130.0-130.99		0
131.0-131.99		0
132.0-132.99		0
133.0-133.99		0
134.0-134.99		0
135.0-135.99		0
136.0-136.99		0
137.0-137.99		0
138.0-138.99		0
139.0-139.99		0
140.0-140.99		0
141.0-141.99		0
142.0-142.99		0
143.0-143.99		0
144.0-144.99		0
145.0-145.99		0
146.0-146.99		0
147.0-147.99		0
148.0-148.99		0
149.0-149.99		0
150.0-150.99		0
151.0-151.99		0
152.0-152.99		0
153.0-153.99		0
154.0-154.99		0
155.0-155.99		0
156.0-156.99		0
157.0-157.99		0
158.0-158.99		0
159.0-159.99	.	.	.									

MEAN HS(METRES) BY MONTH AND YEAR

STATION 48

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.9	0.7	0.9	0.5	0.6	0.8	0.5	0.5	0.8	0.7	0.7	0.7
1957	0.5	0.7	0.6	0.7	0.6	0.6	0.7	0.5	0.5	0.6	0.9	1.3	0.7
1958	0.6	0.6	0.6	0.8	0.6	0.6	0.6	0.6	0.4	0.7	0.7	0.5	0.6
1959	0.7	0.7	0.8	0.3	0.5	0.5	0.7	0.5	0.3	0.8	0.7	0.6	0.6
1960	0.5	1.0	0.5	1.0	0.6	0.8	0.6	0.6	0.6	0.5	0.6	0.5	0.7
1961	0.6	0.8	0.6	0.9	0.7	0.8	0.5	0.5	0.7	0.7	0.7	0.7	0.7
1962	0.8	0.7	1.3	1.2	0.4	0.5	0.6	0.5	0.4	0.6	0.8	1.0	0.7
1963	0.6	0.6	1.0	0.5	0.7	0.6	0.6	0.5	0.7	0.5	0.9	0.5	0.6
1964	1.0	0.8	0.9	0.8	0.7	0.6	0.7	0.6	0.6	0.5	0.7	0.8	0.7
1965	0.7	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.5	0.7	0.7	0.6	0.6
1966	0.6	0.6	0.6	0.6	0.7	0.7	0.5	0.7	0.7	0.5	0.6	0.6	0.6
1967	0.7	0.9	1.2	0.8	0.7	0.5	0.7	0.9	0.6	0.6	0.6	0.7	0.7
1968	0.4	0.5	0.7	0.6	0.7	0.5	0.3	0.3	0.3	0.5	0.7	0.7	0.5
1969	0.6	0.7	0.9	0.8	0.7	0.5	0.5	0.8	0.5	0.5	0.8	0.7	0.7
1970	0.5	0.9	0.6	0.8	0.6	0.6	0.6	0.5	0.6	0.7	0.7	0.6	0.6
1971	0.6	1.0	0.8	0.8	1.0	0.6	0.7	0.6	0.5	0.9	0.6	0.7	0.7
1972	0.8	1.0	1.0	0.6	0.8	0.8	0.5	0.5	0.5	0.7	0.7	0.8	0.7
1973	0.8	0.8	0.9	0.9	0.8	0.7	0.5	0.4	0.5	0.7	1.1	1.4	0.8
1974	0.7	0.8	1.1	1.1	0.6	0.6	0.5	0.5	0.4	0.3	0.6	0.7	0.7
1975	0.8	0.7	0.8	0.5	0.3	0.6	0.8	0.6	0.4	0.4	0.7	0.9	0.6
MEAN	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 48

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.8	2.5	3.0	3.6	1.9	1.9	2.2	1.2	2.0	2.1	2.2	2.2
1957	1.9	2.0	2.0	2.8	1.4	2.4	1.4	1.3	2.0	2.2	2.5	2.6
1958	2.4	2.5	2.9	2.1	1.6	1.5	1.6	2.3	1.5	2.4	2.8	1.7
1959	3.1	2.2	3.0	2.2	1.2	1.8	2.4	1.3	1.0	2.8	2.5	2.5
1960	2.2	3.2	2.8	2.8	1.9	1.6	2.9	1.4	2.3	2.4	2.0	2.7
1961	2.0	2.8	2.3	2.5	2.5	2.1	1.2	1.5	2.8	1.6	2.3	2.0
1962	2.5	2.1	2.8	3.3	1.1	1.4	1.6	1.5	1.4	2.1	2.6	3.4
1963	2.4	2.3	2.5	2.1	2.9	2.0	1.4	2.5	2.1	1.9	2.9	2.6
1964	3.3	2.9	2.3	2.0	1.5	1.3	1.9	2.0	1.8	1.7	2.6	2.4
1965	2.7	2.7	2.0	1.9	1.0	1.2	1.8	1.5	1.5	2.6	2.2	2.1
1966	3.4	2.2	1.9	2.0	1.9	2.3	2.1	1.8	2.7	1.5	2.7	2.4
1967	2.1	2.6	2.4	2.2	2.0	1.3	1.5	1.7	2.1	2.8	1.7	2.7
1968	2.6	1.7	2.8	2.3	2.8	2.4	0.9	1.1	1.5	2.3	3.4	2.7
1969	2.2	1.8	2.8	2.0	2.9	1.4	1.5	2.1	1.6	1.8	3.2	3.2
1970	2.5	2.9	2.1	3.3	1.5	1.6	1.5	1.9	2.1	2.5	2.7	3.6
1971	2.8	2.9	3.7	3.6	2.2	1.3	2.1	3.0	1.4	2.0	2.4	1.5
1972	2.2	4.1	3.0	1.7	2.3	3.2	1.1	1.6	1.8	2.8	3.4	2.5
1973	2.6	3.1	3.6	2.8	2.4	2.1	1.4	2.0	1.8	3.0	2.9	3.9
1974	2.4	3.4	3.3	3.2	2.2	1.8	1.4	1.8	2.3	1.9	2.2	3.4
1975	2.7	2.9	4.1	2.8	1.2	1.6	1.9	1.0	2.0	1.8	2.4	3.3

LARGEST HS(METRES) FOR STATION 48 = 4.1

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AGE	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-99	TOTAL
0-4	1522	3723	2114	1035	2387	2268	112											13161
5-9		609	3382	1608	2770	1531	109											7209
10-14			102	770	583	314	73											2309
15-19				8	105	243	51											169
20-24					27	78	3											8
25-29																		0
30-34																		0
35-39																		0
40-44																		0
45-49																		0
50-54																		0
55-59																		0
60-64																		0
65-69																		0
70-74																		0
75-79																		0
80-84																		0
85-89																		0
90-94																		0
95-99																		0
TOTAL	1522	4332	5602	3421	3962	4831	435	24	0	0								

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.77 LARGEST HS(M) = 4.15 ANGLE CLASS % = 21.1

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.71 LARGEST HS(M) = 3.16 ANGLE CLASS % = 12.2

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.33 LARGEST HS(M) = 1.95 ANGLE CLASS % = 6.6

STATION 49 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 77.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	384	741	313	244	710	1023	428	45	55	98	4041	
0.50 - 0.99	.	325	877	291	157	959	668	139	83	111	3515	
1.00 - 1.49	.	.	77	306	127	266	181	50	25	53	1134	
1.50 - 1.99	.	.	.	14	60	147	177	15	20	25	397	
2.00 - 2.49	18	75	51	12	3	5	164	
2.50 - 2.99	10	22	6	1	.	64	
3.00 - 3.49	3	.	.	.	10	
3.50 - 3.99	1	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	384	1066	1267	855	1102	2480	1430	276	254	292		
AVE HS(M) = 0.63 LARGEST HS(M) = 4.15 TOTAL CASES = 58440												

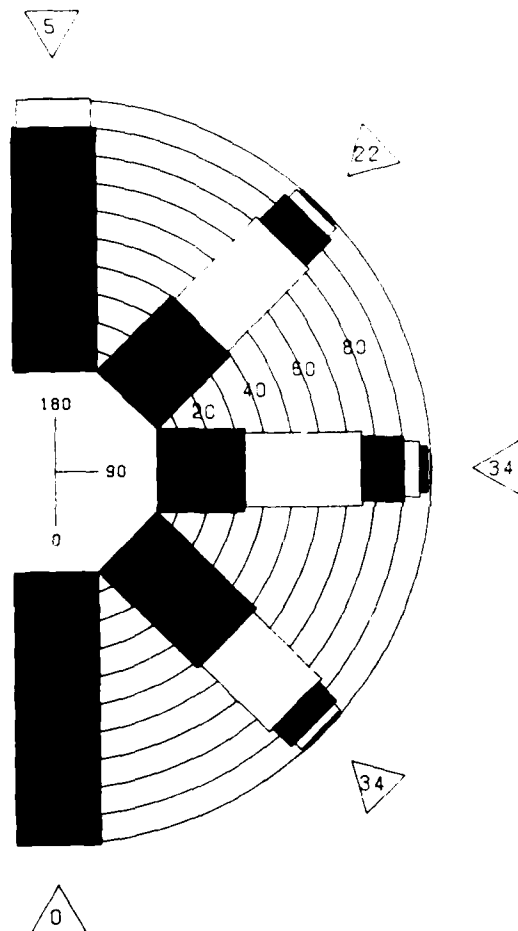
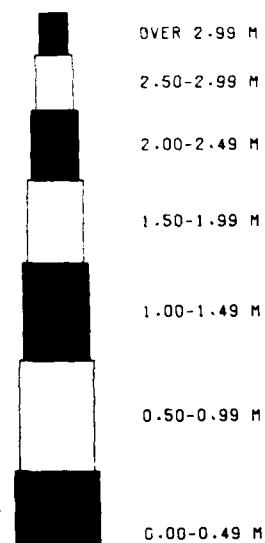
AVE HS(M) = 0.63 LARGEST HS(M) = 4.15 TOTAL CASES = 58440

STATION 49

20 YEARS

SHORELINE ANGLE = 77°

WATER DEPTH = 10 M



MEAN HS(METRES) BY MONTH AND YEAR

STATION 49

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.7	1.0	0.6	0.7	0.5	0.5	0.7	0.4	0.5	1.3	0.7	0.6	0.7
1957	0.4	0.6	0.7	0.6	0.5	0.6	0.6	0.5	0.6	1.0	1.0	1.0	0.7
1958	0.6	0.5	0.5	0.8	0.6	0.7	0.6	0.6	0.4	0.8	0.8	0.4	0.6
1959	0.6	0.7	0.6	0.7	0.4	0.4	0.7	0.5	0.3	0.8	1.0	0.5	0.6
1960	0.4	0.8	0.5	0.9	0.6	0.9	0.5	0.5	0.5	0.4	0.5	0.4	0.6
1961	0.5	0.7	0.6	0.8	0.7	1.0	0.6	0.6	0.6	0.5	0.6	0.6	0.6
1962	0.7	0.5	0.9	0.9	0.4	0.4	0.5	0.4	0.4	0.5	0.8	0.8	0.6
1963	0.5	0.5	0.9	0.4	1.0	0.8	0.5	0.4	0.7	0.4	0.8	0.4	0.6
1964	0.8	0.6	0.8	0.9	0.6	0.5	0.6	0.5	0.6	0.6	0.7	0.8	0.7
1965	0.6	0.7	0.6	0.5	0.4	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.6
1966	0.5	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.5	0.6	0.5	0.6
1967	0.6	0.8	1.1	0.6	0.6	0.4	0.6	0.8	0.7	0.7	0.5	0.7	0.7
1968	0.3	0.3	0.6	0.6	0.6	0.9	0.7	0.7	0.7	0.5	0.7	0.6	0.6
1969	0.9	0.8	1.4	0.7	0.7	0.5	0.4	0.5	0.4	0.4	0.7	0.7	0.7
1970	0.3	0.9	0.6	0.8	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.5	0.6
1971	0.5	0.9	0.6	0.6	0.9	0.6	0.5	0.5	0.5	0.8	0.5	0.6	0.7
1972	0.8	0.8	1.0	0.6	1.0	0.7	0.4	0.4	0.5	0.9	0.6	0.7	0.7
1973	0.6	0.6	0.7	0.8	0.7	0.7	0.5	0.5	0.4	0.6	0.9	1.2	0.7
1974	0.7	0.7	1.0	1.4	0.7	0.7	0.6	0.4	0.3	0.3	0.5	0.7	0.7
1975	0.6	0.7	0.8	0.5	0.3	0.7	0.8	0.7	0.5	0.4	0.5	0.8	0.6
MEAN	0.6	0.7	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.6	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 49

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.5	2.5	2.4	2.9	1.6	1.6	2.2	1.1	2.3	2.0	2.2	2.2	
1957	2.1	2.0	2.0	2.6	1.4	2.2	1.4	1.4	1.9	3.1	2.6	2.5	
1958	2.6	2.5	2.2	2.1	1.5	1.5	1.7	2.1	1.2	2.4	2.9	1.6	
1959	3.1	2.2	3.0	2.2	1.1	1.7	2.2	1.3	1.0	2.7	2.5	2.3	
1960	2.2	3.3	2.8	2.9	1.9	2.1	2.9	1.2	2.1	1.9	2.1	2.3	
1961	2.2	2.4	2.1	2.4	2.4	2.1	1.2	1.4	2.2	1.3	2.5	2.0	
1962	2.4	1.7	2.8	3.1	1.1	1.2	1.2	1.4	1.4	1.9	3.2	3.0	
1963	2.4	2.1	2.4	2.1	3.1	2.1	1.7	2.6	2.0	1.8	2.8	2.6	
1964	3.3	3.1	2.3	2.1	1.4	1.2	1.9	2.0	1.7	1.7	2.5	2.5	
1965	2.6	2.7	1.9	2.0	0.9	1.5	1.6	1.5	1.7	2.7	2.0	2.0	
1966	3.4	2.2	1.9	1.9	1.6	2.6	1.9	1.7	2.4	1.5	2.4	2.3	
1967	2.4	2.4	2.3	2.0	2.1	1.1	1.5	2.0	2.2	2.8	1.7	2.8	
1968	2.5	1.5	2.7	2.3	2.6	2.6	1.0	1.1	1.6	2.1	2.4	2.6	
1969	3.3	1.9	3.4	1.9	2.8	1.4	1.5	1.8	1.6	2.1	2.8	3.6	
1970	2.2	3.6	2.1	3.4	1.4	1.5	1.6	1.7	2.3	2.0	2.4	3.2	
1971	2.7	3.1	3.7	3.5	2.3	1.3	1.4	2.9	1.5	1.9	2.5	1.6	
1972	2.4	4.2	2.9	1.6	2.2	2.7	1.1	1.4	1.6	2.3	3.4	2.6	
1973	2.6	3.2	3.5	3.0	2.4	1.9	1.5	2.0	1.8	2.8	3.2	4.0	
1974	2.4	3.1	3.4	2.7	2.3	1.7	1.3	2.0	2.2	1.7	2.2	3.3	
1975	3.0	3.0	3.9	2.7	1.2	1.8	1.8	1.0	2.2	2.1	2.5	3.3	

LARGEST HS(METRES) FOR STATION 49 = 4.2

STATION 50 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 74.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 50 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 74.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1194	3071	2424	1007	2279	1808	109	1	.	.	11893
0.50 - 0.99	.	179	1978	1265	651	946	92	1	.	.	6212
1.00 - 1.49	.	.	11	237	326	566	77	1	.	.	1818
1.50 - 1.99	46	109	34	1	.	.	190
2.00 - 2.49	3	.	.	.	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1194	3250	4413	2609	3308	3429	315	4	0	0	0

AVERAGE HS(M) = 0.44 LARGEST HS(M) = 2.39 ANGLE CLASS % = 18.5

STATION 50 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 74.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	811	1386	2412	412	2407	5102	2092	174	124	61	12157
0.50 - 0.99	1	1081	227	1006	318	5100	3114	361	357	54	13220
1.00 - 1.49	.	.	.	35	318	1155	805	1308	366	42	6257
1.50 - 1.99	.	.	.	.	326	681	467	599	119	111	1798
2.00 - 2.49	.	.	.	.	66	352	278	500	23	12	821
2.50 - 2.99	.	.	.	.	.	41	133	300	6	1	424
3.00 - 3.49	.	.	.	.	.	.	13	5	10	1	14
3.50 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	812	2467	2639	1453	3445	12431	6904	915	1013	315	0

AVERAGE HS(M) = 0.74 LARGEST HS(M) = 3.85 ANGLE CLASS % = 32.4

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.76 LARGEST HS(M) = 4.15 ANGLE CLASS % = 21.5

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.69 LARGEST HS(M) = 3.16 ANGLE CLASS % = 13.2

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.33 LARGEST HS(M) = 1.95 ANGLE CLASS % = 6.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 50

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.7	0.9	0.6	0.7	0.5	0.5	0.7	0.3	0.5	1.3	0.7	0.6	0.7
1957	0.4	0.5	0.6	0.6	0.4	0.5	0.6	0.5	0.5	1.0	1.0	1.0	0.6
1958	0.5	0.4	0.5	0.8	0.6	0.6	0.5	0.6	0.3	0.8	0.7	0.4	0.6
1959	0.5	0.6	0.6	0.6	0.3	0.4	0.7	0.5	0.3	0.8	0.9	0.4	0.6
1960	0.4	0.7	0.5	0.3	0.6	0.9	0.5	0.5	0.5	0.4	0.4	0.3	0.6
1961	0.5	0.6	0.6	0.8	0.6	0.9	0.6	0.5	0.6	0.5	0.6	0.5	0.6
1962	0.7	0.5	0.9	0.9	0.4	0.4	0.5	0.4	0.3	0.5	0.8	0.7	0.6
1963	0.5	0.5	0.8	0.4	1.0	0.7	0.5	0.4	0.7	0.4	0.7	0.4	0.6
1964	0.7	0.6	0.7	0.9	0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.8	0.6
1965	0.5	0.6	0.5	0.5	0.4	0.6	0.6	0.6	0.5	0.6	0.5	0.5	0.5
1966	0.4	0.4	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.4	0.5	0.4	0.5
1967	0.6	0.7	1.1	0.6	0.6	0.4	0.6	0.8	0.7	0.7	0.4	0.7	0.7
1968	0.3	0.2	0.6	0.6	0.6	0.9	0.7	0.6	0.7	0.4	0.6	0.5	0.6
1969	0.9	0.8	1.4	0.7	0.6	0.4	0.4	0.5	0.4	0.4	0.6	0.7	0.6
1970	0.3	0.8	0.5	0.8	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.5	0.6
1971	0.5	0.9	0.6	0.6	0.9	0.5	0.5	0.5	0.5	0.8	0.5	0.6	0.6
1972	0.7	0.7	0.9	0.5	0.9	0.7	0.4	0.4	0.5	0.9	0.6	0.7	0.7
1973	0.6	0.6	0.7	0.7	0.7	0.6	0.5	0.5	0.4	0.5	0.8	1.2	0.6
1974	0.6	0.7	1.0	0.7	0.7	0.7	0.6	0.4	0.3	0.3	0.4	0.6	0.6
1975	0.6	0.7	0.8	0.5	0.3	0.7	0.8	0.7	0.5	0.4	0.5	0.8	0.5
MEAN	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 50

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.5	2.4	2.2	2.9	1.6	1.5	2.1	0.9	2.3	2.0	2.2	2.2	
1957	2.1	1.9	2.0	2.6	1.3	2.2	1.3	1.4	1.9	3.1	2.5	2.5	
1958	2.6	2.5	2.2	2.1	1.4	1.4	1.6	2.1	1.0	2.5	2.8	1.6	
1959	3.1	2.2	3.0	2.1	1.1	1.4	2.2	1.2	1.0	2.7	2.5	2.1	
1960	2.0	3.2	2.8	2.8	1.9	2.1	2.9	1.2	2.0	1.8	1.7	2.3	
1961	2.2	2.4	2.1	2.3	2.4	2.0	1.2	1.4	2.1	1.3	2.4	2.0	
1962	2.3	1.7	2.8	3.1	1.1	1.2	1.2	1.3	1.4	1.7	3.1	2.7	
1963	2.3	2.1	2.4	2.1	3.1	2.1	1.7	2.4	1.9	1.8	2.7	2.6	
1964	3.1	3.1	2.3	2.0	1.4	1.0	1.9	2.0	1.7	1.6	2.5	2.5	
1965	2.6	2.7	1.8	2.0	0.9	1.5	1.5	1.5	1.6	2.7	1.7	2.0	
1966	3.3	2.2	1.9	2.0	1.5	2.5	1.9	1.6	2.4	1.5	2.4	2.3	
1967	2.3	2.4	2.3	2.0	2.1	1.1	1.5	1.8	2.2	2.8	1.5	2.8	
1968	2.6	1.5	2.7	2.1	2.6	2.6	1.0	1.1	1.6	1.8	2.4	2.6	
1969	3.2	1.9	3.4	1.9	2.8	1.3	1.5	1.6	1.6	1.5	2.8	3.6	
1970	2.2	3.6	2.0	3.3	1.4	1.5	1.5	1.7	2.2	2.2	2.4	3.2	
1971	2.6	3.0	3.6	3.4	2.2	1.3	1.4	2.9	1.5	1.9	2.5	1.6	
1972	2.1	4.2	2.9	1.4	2.2	2.7	1.0	1.4	1.6	2.3	3.3	2.5	
1973	2.4	3.1	3.2	3.0	2.4	1.9	1.5	2.0	1.8	2.8	3.0	4.0	
1974	2.4	3.0	3.2	2.6	2.2	1.6	1.2	1.8	2.1	1.5	2.0	3.3	
1975	3.0	2.9	3.9	2.6	1.1	1.7	1.8	1.0	2.1	2.1	2.5	3.3	

LARGEST HS(METRES) FOR STATION 50 = 4.2

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.25 LARGEST HS(M) = 1.90 ANGLE CLASS % = 10.4

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.73 LARGEST HS(M) = 3.71 ANGLE CLASS % = 32.8

STATION 51 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	930	1165	1731	142	1074	1740	2677	379	429	484	6878
0.50 - 0.99	.	1100	.	800	75	1344	4236	1021	585	296	10530
1.00 - 1.49	.	.	260	73	136	282	696	359	646	337	3416
1.50 - 1.99	273	232	174	85	183	189	1209
2.00 - 2.49	85	249	128	34	1	37	254
2.50 - 2.99	1	54	13	22	11	146	222
3.00 - 3.49	142
3.50 - 3.99	142
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	930	2265	1991	1015	1644	3901	8048	1922	1863	1270	

AVERAGE HS(M) = 0.74 LARGEST HS(M) = 4.15 ANGLE CLASS % = 24.9

STATION 51 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	602	903	3	483	1079	2236	82	10	44	.	4959
0.50 - 0.99	.	696	.	574	217	2527	114	169	.	.	5788
1.00 - 1.49	.	.	111	13	57	689	126	47	.	.	1910
1.50 - 1.99	.	.	.	13	97	297	131	32	.	.	610
2.00 - 2.49	18	61	46	22	.	.	155
2.50 - 2.99	5	5	8	.	.	19
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	602	1599	1677	1069	1768	5835	507	288	61	0	

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 2.89 ANGLE CLASS % = 13.4

STATION 51 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	756	1483	1302	1663	829	114	.	.	.	.	6147
0.50 - 0.99	.	80	773	569	268	73	.	.	.	.	1763
1.00 - 1.49	.	.	5	17	22	.	.	.	.	.	44
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	756	1563	2080	2249	1119	187	0	0	0	0	

AVERAGE HS(M) = 0.31 LARGEST HS(M) = 1.41 ANGLE CLASS % = 8.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 51

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.2	0.9	0.5	0.7	0.5	0.4	0.7	0.3	0.4	1.1	0.6	0.6	0.6
1957	0.4	0.5	0.6	0.6	0.4	0.5	0.6	0.4	0.5	0.9	0.9	1.0	0.6
1958	0.5	0.4	0.4	0.7	0.6	0.6	0.6	0.6	0.3	0.7	0.7	0.3	0.5
1959	0.5	0.6	0.6	0.6	0.4	0.4	0.7	0.5	0.3	0.7	0.9	0.4	0.5
1960	0.4	0.7	0.5	0.9	0.6	0.8	0.3	0.5	0.4	0.4	0.5	0.3	0.5
1961	0.5	0.6	0.5	0.8	0.6	0.9	0.6	0.6	0.4	0.2	0.3	0.5	0.5
1962	0.7	0.4	0.3	0.5	0.3	0.4	0.5	0.4	0.3	0.4	0.7	0.7	0.5
1963	0.5	0.5	0.8	0.4	0.9	0.7	0.5	0.4	0.4	0.3	0.8	0.4	0.5
1964	0.7	0.6	0.7	0.8	0.4	0.5	0.6	0.5	0.5	0.6	0.6	0.8	0.6
1965	0.5	0.6	0.5	0.5	0.4	0.6	0.6	0.6	0.4	0.6	0.5	0.5	0.5
1966	0.4	0.4	0.6	0.5	0.6	0.7	0.6	0.6	0.6	0.4	0.5	0.4	0.5
1967	0.6	0.7	0.8	0.3	0.5	0.4	0.6	0.8	0.6	0.7	0.5	0.6	0.6
1968	0.3	0.3	0.6	0.5	0.6	0.9	0.6	0.6	0.6	0.4	0.6	0.5	0.5
1969	0.9	0.5	1.2	0.5	0.6	0.4	0.4	0.5	0.3	0.3	0.6	0.6	0.6
1970	0.3	0.8	0.5	0.7	0.6	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.6
1971	0.5	0.9	0.6	0.6	0.9	0.5	0.6	0.5	0.4	0.6	0.4	0.6	0.6
1972	0.7	0.7	0.9	0.5	0.9	0.7	0.4	0.4	0.4	0.8	0.6	0.6	0.6
1973	0.6	0.4	0.6	0.7	0.7	0.6	0.5	0.4	0.4	0.5	0.8	1.2	0.6
1974	0.6	0.6	1.0	1.4	0.7	0.6	0.6	0.3	0.3	0.3	0.4	0.6	0.6
1975	0.6	0.7	0.7	0.5	0.3	0.7	0.7	0.7	0.4	0.3	0.5	0.7	0.6
MEAN	0.5	0.6	0.7	0.6	0.6	0.6	0.6	0.5	0.4	0.5	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 51

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.1	2.5	2.4	3.0	1.7	1.6	2.2	1.1	2.1	1.7	2.2	2.2
1957	2.1	1.9	2.0	2.6	1.4	2.2	1.5	1.3	1.8	3.1	2.6	2.5
1958	2.6	2.4	2.2	2.1	1.4	1.5	1.6	2.1	1.2	2.3	2.9	1.4
1959	3.2	2.2	3.0	2.3	1.1	1.7	2.2	1.2	1.0	2.7	2.5	2.2
1960	2.2	3.2	2.8	2.9	1.8	2.0	2.9	1.2	2.0	1.9	2.0	2.3
1961	2.2	2.5	1.9	2.3	2.4	2.0	1.1	1.4	2.2	1.2	2.4	2.1
1962	2.5	1.6	2.8	3.1	1.0	1.2	1.3	1.4	1.4	1.9	3.2	2.9
1963	2.4	2.1	2.4	2.1	3.1	2.1	1.7	2.5	1.9	1.6	2.8	2.6
1964	3.3	3.2	2.3	2.1	1.1	1.1	1.9	2.0	1.6	1.7	2.5	2.5
1965	2.3	2.7	1.9	2.0	0.9	1.1	1.5	1.4	1.6	2.7	2.0	1.9
1966	3.4	2.2	1.7	1.9	1.7	2.6	1.9	1.7	2.2	1.5	2.4	2.3
1967	2.4	2.4	2.3	2.1	2.1	1.1	1.5	1.8	2.1	2.8	1.7	2.8
1968	2.3	1.5	2.7	2.2	2.2	2.6	1.0	1.1	1.6	2.0	2.2	2.8
1969	3.2	1.9	2.8	1.8	2.8	1.4	1.5	1.7	1.1	1.9	2.8	3.6
1970	2.2	3.6	2.1	3.3	1.4	1.5	1.6	1.7	2.3	1.8	2.3	3.2
1971	2.7	3.1	3.7	3.5	2.3	1.2	1.4	2.9	1.4	1.8	2.3	1.6
1972	2.3	4.2	2.9	1.5	2.2	2.7	1.1	1.4	1.6	2.1	3.4	2.6
1973	2.6	3.1	3.4	3.0	2.4	1.9	1.5	2.0	1.6	2.6	3.1	4.0
1974	2.4	3.1	3.2	2.8	2.3	1.7	1.2	2.0	2.2	1.7	2.2	3.3
1975	3.1	2.9	3.8	2.7	1.1	1.8	1.8	1.0	2.1	2.1	2.5	2.9

LARGEST HS(METRES) FOR STATION 51 = 4.2

STATION 52 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 52 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	75	.	.	.	.	.	75
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	75	0	0	0	0	0	0

AVERAGE HS(M) = 0.18 LARGEST HS(M) = 0.41 ANGLE CLASS % = 0.1

STATION 52 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 90.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	2414	5196	3035	1699	2448	5431	1860	183	99	1	22366
0.50 - 0.99	.	518	3275	2123	270	3680	1728	102	109	1	11806
1.00 - 1.49	.	.	39	665	420	773	727	51	70	.	2745
1.50 - 1.99	.	.	.	8	160	417	220	30	39	.	874
2.00 - 2.49	35	111	124	18	27	.	315
2.50 - 2.99	10	56	17	12	1	97
3.00 - 3.49	1	10	3	.	16
3.50 - 3.99	1	.	.	4
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2414	5714	6349	4495	3333	10422	4716	412	365	3	0

AVERAGE HS(M) = 0.52 LARGEST HS(M) = 3.73 ANGLE CLASS % = 38.2

WATER DEPTH = 0.00 METERS
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9		LONGER
0.0-0.9	1144	1594		184	2108	4200	4089	1021	378	785	15319
1.0-1.9		1178	2043	841	1803	2511	2392	434	643	278	9866
2.0-2.9			183	63	184	619	210	56	314	10	2550
3.0-3.9					270	335	210	20	222	5	925
4.0-4.9					65	374	179	18	20		656
5.0-5.9						41	107	30	6		176
6.0-6.9							10				46
7.0-7.9											1
8.0-8.9										1	0
9.0-9.9											0
10.0-10.9											0
11.0-11.9											0
GREATER											0
TOTAL	1144	2772	2226	1088	2830	6080	7330	1597	1394	1079	

AVERAGE HS(M) = 0.62 LARGEST HS(M) = 4.21 ANGLE CLASS % = 29.6

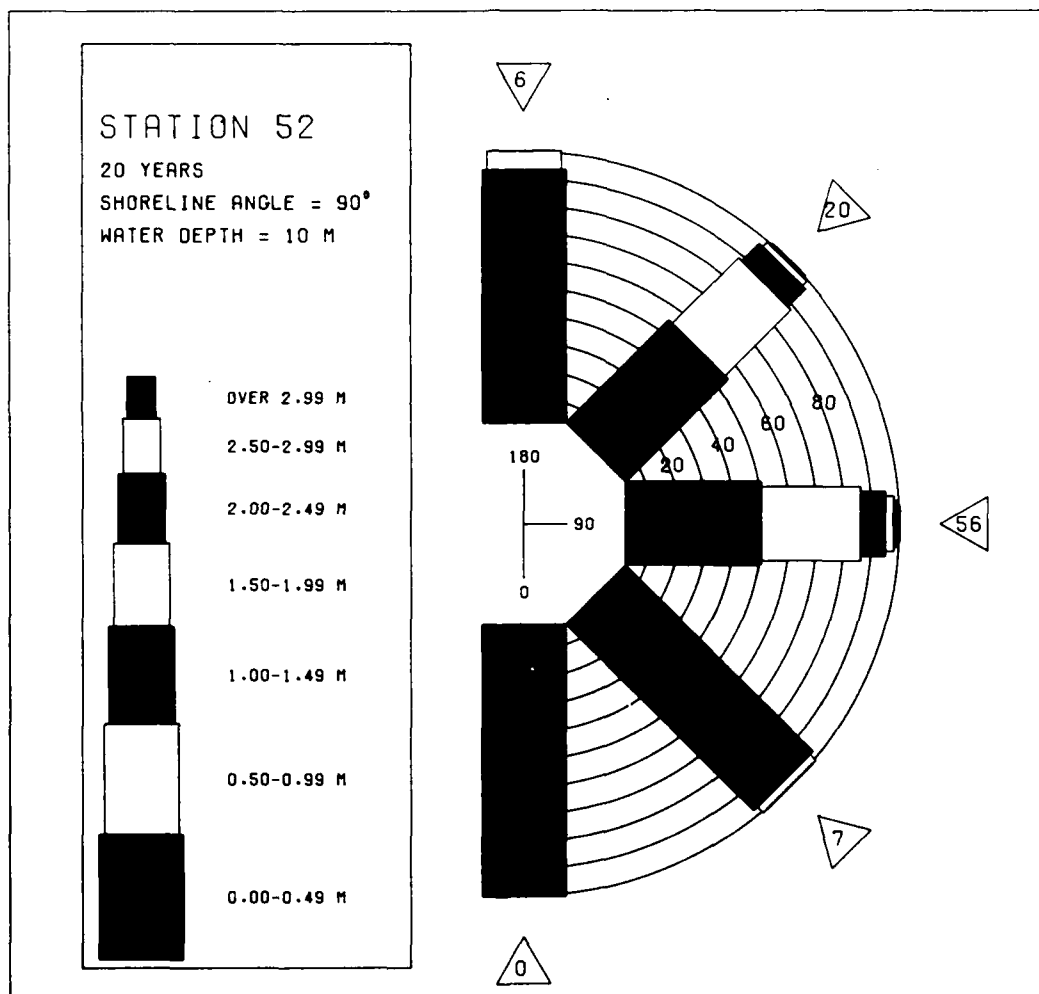
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	-	930	1640	1668	1712	860	140	.	.	.	.	6750
0.50-0.99	-	.	99	727	581	277	59	.	.	.	.	1743
1.00-1.49	-	.	.	3	11	15	.	.	.	.	.	29
1.50-1.99	-	.	.	.	.	.	.	.	.	.	.	0
2.00-2.49	-	.	.	.	.	.	.	.	.	.	.	0
2.50-2.99	-	.	.	.	.	.	.	.	.	.	.	0
3.00-3.49	-	.	.	.	.	.	.	.	.	.	.	0
3.50-3.99	-	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	-	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	-	.	.	.	.	.	.	.	.	.	.	0
5.00-5.49	-	.	.	.	.	.	.	.	.	.	.	0
5.50-5.99	-	.	.	.	.	.	.	.	.	.	.	0
6.00-6.49	-	.	.	.	.	.	.	.	.	.	.	0
6.50-6.99	-	.	.	.	.	.	.	.	.	.	.	0
7.00-7.49	-	.	.	.	.	.	.	.	.	.	.	0
7.50-7.99	-	.	.	.	.	.	.	.	.	.	.	0
8.00-8.49	-	.	.	.	.	.	.	.	.	.	.	0
8.50-8.99	-	.	.	.	.	.	.	.	.	.	.	0
9.00-9.49	-	.	.	.	.	.	.	.	.	.	.	0
9.50-9.99	-	.	.	.	.	.	.	.	.	.	.	0
10.00-10.49	-	.	.	.	.	.	.	.	.	.	.	0
10.50-10.99	-	.	.	.	.	.	.	.	.	.	.	0
11.00-11.49	-	.	.	.	.	.	.	.	.	.	.	0
11.50-11.99	-	.	.	.	.	.	.	.	.	.	.	0
12.00-12.49	-	.	.	.	.	.	.	.	.	.	.	0
12.50-12.99	-	.	.	.	.	.	.	.	.	.	.	0
13.00-13.49	-	.	.	.	.	.	.	.	.	.	.	0
13.50-13.99	-	.	.	.	.	.	.	.	.	.	.	0
14.00-14.49	-	.	.	.	.	.	.	.	.	.	.	0
14.50-14.99	-	.	.	.	.	.	.	.	.	.	.	0
15.00-15.49	-	.	.	.	.	.	.	.	.	.	.	0
15.50-15.99	-	.	.	.	.	.	.	.	.	.	.	0
16.00-16.49	-	.	.	.	.	.	.	.	.	.	.	0
16.50-16.99	-	.	.	.	.	.	.	.	.	.	.	0
17.00-17.49	-	.	.	.	.	.	.	.	.	.	.	0
17.50-17.99	-	.	.	.	.	.	.	.	.	.	.	0
18.00-18.49	-	.	.	.	.	.	.	.	.	.	.	0
18.50-18.99	-	.	.	.	.	.	.	.	.	.	.	0
19.00-19.49	-	.	.	.	.	.	.	.	.	.	.	0
19.50-19.99	-	.	.	.	.	.	.	.	.	.	.	0
20.00-20.49	-	.	.	.	.	.	.	.	.	.	.	0
20.50-20.99	-	.	.	.	.	.	.	.	.	.	.	0
21.00-21.49	-	.	.	.	.	.	.	.	.	.	.	0
21.50-21.99	-	.	.	.	.	.	.	.	.	.	.	0
22.00-22.49	-	.	.	.								

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	526	949	451	341	636	1263	604	127	51	78	5026
0.50-0.99	248	772	337	94	94	708	425	58	75	28	2745
1.00-1.49	.	32	207	8	11	177	116	11	38	1	676
1.50-1.99	.	.	.	.	49	97	52	4	6	.	317
2.00-2.49	.	.	.	.	11	53	33	5	4	.	105
2.50-2.99	.	.	.	.	.	17	1	4	2	.	28
3.00-3.49	.	.	.	.	.	.	.	.	.	.	6
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	526	1197	1255	893	884	2303	1248	213	177	107	
AVE HS(M) = 0.48 LARGEST HS(M) = 4.21 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 52

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.8	0.5	0.6	0.4	0.4	0.7	0.4	0.2	0.7	0.4	0.4	0.5
1957	0.3	0.4	0.2	0.5	0.4	0.5	0.5	0.3	0.4	0.6	0.8	0.9	0.5
1958	0.4	0.3	0.3	0.6	0.5	0.5	0.4	0.5	0.3	0.4	0.5	0.3	0.4
1959	0.5	0.6	0.5	0.5	0.3	0.3	0.5	0.4	0.3	0.5	0.7	0.4	0.5
1960	0.4	0.7	0.4	0.7	0.5	0.5	0.3	0.4	0.4	0.3	0.4	0.3	0.4
1961	0.3	0.6	0.5	0.7	0.7	0.8	0.6	0.5	0.3	0.2	0.3	0.5	0.5
1962	0.6	0.4	0.3	0.5	0.3	0.4	0.4	0.4	0.3	0.3	0.6	0.6	0.4
1963	0.4	0.5	0.7	0.4	0.6	0.5	0.4	0.3	0.3	0.2	0.8	0.4	0.5
1964	0.7	0.5	0.7	0.8	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.8	0.5
1965	0.4	0.6	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.6	0.5	0.4	0.5
1966	0.4	0.4	0.5	0.4	0.5	0.7	0.5	0.5	0.5	0.4	0.5	0.3	0.5
1967	0.5	0.7	0.7	0.3	0.4	0.3	0.6	0.8	0.4	0.5	0.4	0.6	0.5
1968	0.3	0.2	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.5	0.6	0.4
1969	0.7	0.5	0.4	0.5	0.5	0.4	0.3	0.4	0.2	0.3	0.5	0.5	0.5
1970	0.2	0.9	0.5	0.6	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5
1971	0.4	0.8	0.5	0.5	0.7	0.5	0.5	0.5	0.4	0.5	0.4	0.6	0.5
1972	0.7	0.7	0.9	0.4	0.7	0.6	0.3	0.3	0.3	0.6	0.6	0.6	0.5
1973	0.6	0.4	0.6	0.6	0.6	0.5	0.3	0.3	0.3	0.4	0.8	1.1	0.6
1974	0.6	0.6	0.9	0.9	0.5	0.5	0.6	0.3	0.3	0.2	0.4	0.6	0.5
1975	0.6	0.6	0.6	0.4	0.3	0.6	0.6	0.5	0.4	0.3	0.5	0.6	0.5
MEAN	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 52

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.6	2.2	2.2	3.4	1.3	1.3	2.1	0.9	1.2	1.3	2.2	2.1	
1957	2.1	1.5	2.4	2.4	1.3	2.3	1.0	1.3	1.7	2.0	2.4	2.4	
1958	2.4	2.2	1.7	2.4	1.4	1.4	1.2	1.9	1.1	1.9	2.1	1.4	
1959	3.0	2.1	2.9	1.9	1.1	1.0	2.0	1.2	1.0	2.7	2.4	2.0	
1960	2.1	3.7	2.7	2.2	1.7	1.8	2.8	0.9	1.6	1.6	1.5	2.3	
1961	2.2	2.5	2.0	2.2	2.4	1.8	1.2	1.2	2.2	1.8	2.2	1.9	
1962	2.4	1.5	2.6	2.7	1.0	1.1	1.1	1.2	1.4	1.4	3.0	2.6	
1963	2.2	2.1	2.2	2.1	2.9	2.0	2.0	2.3	1.5	1.1	2.6	2.5	
1964	3.4	2.6	2.2	2.0	1.2	1.0	1.9	1.9	1.2	1.4	2.5	2.4	
1965	2.5	2.6	1.6	2.1	1.0	1.1	1.4	1.5	1.5	2.5	2.0	1.8	
1966	2.9	2.0	1.5	1.5	1.2	2.6	1.6	1.4	2.0	1.4	2.3	2.3	
1967	2.3	2.0	1.8	1.9	1.6	1.1	1.4	1.4	2.1	2.4	1.3	2.4	
1968	2.4	2.0	2.7	2.2	2.0	1.4	0.9	0.9	1.3	1.9	2.2	3.1	
1969	2.6	1.5	2.7	1.7	2.6	1.3	1.5	1.2	1.1	1.3	2.7	2.7	
1970	1.7	3.1	2.0	2.9	1.3	1.4	1.4	1.4	2.2	1.7	2.1	3.2	
1971	2.5	2.8	3.4	2.5	2.3	1.1	1.3	3.0	1.3	1.7	2.4	1.7	
1972	2.2	2.9	2.7	1.2	2.2	2.5	1.0	1.3	1.4	2.1	3.1	2.4	
1973	2.7	3.4	3.1	2.7	2.3	1.8	1.4	1.7	1.5	2.7	3.7	4.2	
1974	2.3	3.0	3.6	2.5	2.4	1.4	1.0	1.2	2.1	1.4	1.9	2.8	
1975	2.6	3.4	3.4	2.5	1.1	1.6	1.7	0.7	2.0	1.8	2.5	2.8	

LARGEST HS(METRES) FOR STATION 52 = 4.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 53

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.7	0.5	0.5	0.3	0.4	0.6	0.3	0.4	0.9	0.5	0.4	0.5
1957	0.3	0.5	0.5	0.5	0.3	0.5	0.4	0.3	0.4	0.7	0.7	0.7	0.5
1958	0.5	0.3	0.4	0.7	0.5	0.4	0.3	0.4	0.3	0.6	0.5	0.3	0.4
1959	0.4	0.4	0.5	0.5	0.2	0.2	0.5	0.3	0.3	0.7	0.6	0.3	0.4
1960	0.3	0.8	0.4	0.6	0.5	0.8	0.5	0.4	0.4	0.3	0.4	0.3	0.5
1961	0.4	0.5	0.5	0.6	0.6	0.7	0.5	0.4	0.6	0.6	0.6	0.4	0.5
1962	0.5	0.5	1.1	0.9	0.3	0.3	0.3	0.3	0.3	0.4	0.7	0.6	0.5
1963	0.3	0.4	0.6	0.3	0.6	0.5	0.3	0.3	0.6	0.4	0.7	0.3	0.4
1964	0.6	0.4	0.5	0.7	0.6	0.3	0.4	0.3	0.6	0.4	0.4	0.6	0.5
1965	0.5	0.5	0.4	0.4	0.3	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
1966	0.4	0.3	0.4	0.5	0.5	0.6	0.4	0.4	0.5	0.3	0.4	0.3	0.4
1967	0.4	0.5	0.9	0.6	0.4	0.3	0.5	0.7	0.6	0.5	0.3	0.6	0.5
1968	0.3	0.2	0.5	0.4	0.5	0.6	0.4	0.4	0.4	0.3	0.5	0.4	0.4
1969	0.6	0.7	0.9	0.6	0.4	0.4	0.3	0.3	0.4	0.3	0.5	0.5	0.5
1970	0.2	0.8	0.5	0.6	0.5	0.4	0.4	0.3	0.4	0.6	0.6	0.4	0.5
1971	0.3	0.7	0.4	0.4	0.6	0.4	0.4	0.4	0.4	0.8	0.5	0.4	0.5
1972	0.5	0.6	0.8	0.3	0.7	0.6	0.2	0.2	0.5	0.6	0.5	0.6	0.5
1973	0.4	0.6	0.7	0.5	0.6	0.5	0.3	0.3	0.3	0.4	0.5	0.9	0.5
1974	0.5	0.5	0.7	0.7	0.5	0.5	0.5	0.4	0.3	0.2	0.3	0.6	0.5
1975	0.5	0.6	0.6	0.3	0.3	0.5	0.6	0.4	0.3	0.3	0.4	0.6	0.5
MEAN	0.4	0.5	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 53

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.4	1.7	2.3	2.6	1.1	1.0	1.7	0.9	2.7	2.6	2.0	1.6
1957	1.7	1.3	2.3	2.4	1.3	1.7	0.8	1.7	1.9	3.0	1.9	2.1
1958	2.4	2.3	2.8	2.3	1.4	1.2	0.9	1.4	0.9	2.7	2.8	2.1
1959	2.4	2.0	2.6	1.9	0.8	0.8	2.0	1.2	1.0	2.6	1.9	1.6
1960	1.7	2.8	2.3	1.7	1.6	1.8	2.8	1.0	1.5	1.5	1.2	2.7
1961	1.9	2.6	2.4	2.5	2.3	1.5	1.0	1.2	2.2	1.8	2.5	1.4
1962	2.2	1.4	2.9	2.2	1.1	1.2	0.9	1.2	1.3	1.3	2.9	2.6
1963	2.1	1.9	2.1	1.9	2.4	2.2	1.5	1.7	2.2	2.4	2.2	2.0
1964	2.6	2.6	1.9	2.1	1.8	0.8	1.9	1.8	1.9	1.7	2.4	2.0
1965	2.8	2.6	1.7	2.1	1.0	1.5	1.1	1.4	1.4	2.2	1.5	2.0
1966	3.3	1.6	2.1	1.9	1.2	2.1	1.4	1.0	2.2	1.3	2.4	2.1
1967	1.7	1.5	1.6	1.7	1.4	0.9	1.2	1.1	2.4	2.1	1.3	2.7
1968	2.7	1.6	2.7	2.0	2.7	1.6	0.8	0.8	1.2	1.3	2.5	2.0
1969	2.3	1.9	2.6	1.7	2.1	1.2	1.4	0.9	1.8	1.6	2.9	3.0
1970	1.2	2.3	2.0	2.4	1.4	1.3	1.1	1.1	1.6	2.0	2.5	3.2
1971	1.9	2.5	2.9	2.8	1.8	1.2	1.3	2.5	1.5	2.1	2.6	1.3
1972	1.6	3.5	2.7	1.1	1.9	2.2	0.9	0.9	2.0	2.3	2.7	2.3
1973	2.2	2.9	2.5	2.4	1.9	1.8	1.2	1.5	1.9	3.0	2.4	3.2
1974	2.2	2.4	2.7	1.8	2.2	1.6	0.7	0.9	1.7	1.1	1.6	3.3
1975	2.3	2.4	3.7	2.2	1.1	1.3	1.9	0.7	2.1	1.8	2.5	3.2

LARGEST HS(METRES) FOR STATION 53 = 3.7

STATION 54 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 4.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2888	5985	4065	2347	588	869	313	11	6	1	17072
0.50-0.99		313	1976	1213	388	179	47	5	1		4128
1.00-1.49			17	77	100	1					201
1.50-1.99					10						10
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	2888	6298	6058	3637	1086	1055	360	16	13	1	0

AVERAGE HS(M) = 0.32 LARGEST HS(M) = 1.85 ANGLE CLASS % = 21.4

STATION 54 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 4.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	944	1254	1651	340	3237	7493	3879	302	494	456	18059
0.50-0.99		821	114	665	130	1481	795	80	205	8	5511
1.00-1.49				25	136	485	248	50	37	1	1918
1.50-1.99					154	309	109	10	10		628
2.00-2.49					27	90	51	1	1		178
2.50-2.99						3	11				28
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	944	2075	1765	1030	3864	9861	5093	479	747	465	0

AVERAGE HS(M) = 0.47 LARGEST HS(M) = 3.05 ANGLE CLASS % = 26.3

STATION 54 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 4.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	634	744	1309	148	593	2861	2286	992	278	455	8843
0.50-0.99		571	111	693	147	118	631	277	311	106	4108
1.00-1.49				34	256	164	131	30	70	358	1404
1.50-1.99					29	159	71	6	11	25	562
2.00-2.49						285	60	5	1	1	285
2.50-2.99						51	92	5	5	1	150
3.00-3.49							6				21
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	634	1315	1420	875	1062	4238	3297	1333	677	670	0

AVERAGE HS(M) = 0.61 LARGEST HS(M) = 3.70 ANGLE CLASS % = 15.5

MEAN HS(METRES) BY MONTH AND YEAR

STATION 54

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.9	0.5	0.4	0.4	0.3	0.3	0.4	0.3	0.4	1.0	0.5	0.3	0.5
1957	0.2	0.5	0.6	0.4	0.3	0.4	0.2	0.3	0.4	0.7	0.6	0.6	0.4
1958	0.4	0.3	0.5	0.6	0.5	0.3	0.2	0.3	0.2	0.7	0.5	0.3	0.4
1959	0.3	0.3	0.4	0.4	0.1	0.2	0.4	0.3	0.3	0.7	0.6	0.3	0.4
1960	0.2	0.7	0.4	0.4	0.4	0.8	0.5	0.3	0.4	0.4	0.3	0.2	0.4
1961	0.4	0.5	0.4	0.4	0.4	0.5	0.3	0.3	0.6	0.7	0.6	0.3	0.5
1962	0.3	0.5	1.2	0.9	0.3	0.2	0.2	0.3	0.3	0.3	0.7	0.6	0.5
1963	0.3	0.4	0.4	0.2	0.6	0.4	0.2	0.2	0.7	0.4	0.5	0.2	0.4
1964	0.5	0.4	0.4	0.6	0.6	0.2	0.4	0.3	0.6	0.4	0.3	0.4	0.4
1965	0.5	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3
1966	0.4	0.2	0.4	0.4	0.4	0.5	0.3	0.3	0.5	0.3	0.4	0.3	0.4
1967	0.3	0.4	0.8	0.7	0.4	0.3	0.3	0.5	0.7	0.4	0.2	0.5	0.5
1968	0.3	0.2	0.4	0.4	0.5	0.6	0.3	0.3	0.4	0.3	0.5	0.3	0.4
1969	0.5	0.8	0.9	0.6	0.4	0.3	0.3	0.2	0.4	0.3	0.6	0.4	0.5
1970	0.1	0.6	0.4	0.5	0.4	0.3	0.3	0.2	0.3	0.7	0.5	0.4	0.4
1971	0.3	0.5	0.4	0.3	0.5	0.3	0.3	0.4	0.4	0.9	0.5	0.3	0.4
1972	0.4	0.6	0.6	0.2	0.7	0.5	0.1	0.2	0.5	0.6	0.4	0.5	0.4
1973	0.3	0.7	0.7	0.4	0.5	0.4	0.3	0.3	0.2	0.4	0.3	0.7	0.4
1974	0.4	0.5	0.6	0.4	0.4	0.5	0.3	0.4	0.3	0.2	0.3	0.5	0.4
1975	0.5	0.5	0.5	0.3	0.2	0.4	0.5	0.3	0.3	0.4	0.3	0.6	0.4
MEAN	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.4	0.5	0.4	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

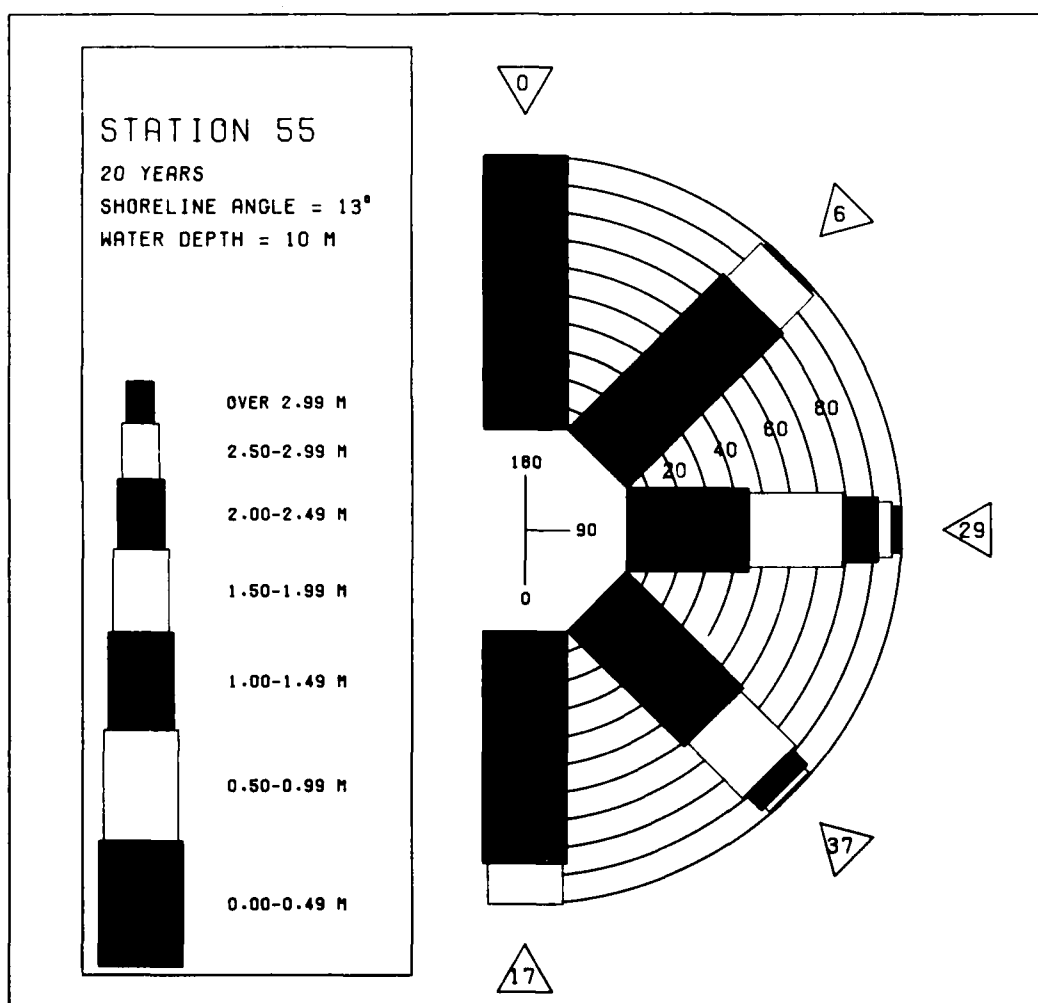
STATION 54

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.6	1.9	2.4	2.2	1.0	0.9	1.4	0.9	3.0	2.7	2.0	1.4	
1957	1.5	1.5	2.4	2.2	1.4	1.5	0.8	1.8	1.9	3.0	2.0	1.7	
1958	2.4	2.2	2.9	2.0	1.4	1.0	0.8	1.2	0.9	2.8	2.3	2.3	
1959	2.1	1.9	2.6	2.1	0.7	0.9	1.9	1.2	1.0	2.6	1.7	1.6	
1960	1.9	2.9	2.4	1.5	1.5	1.7	2.8	1.0	1.5	2.0	1.5	2.7	
1961	1.9	2.8	2.5	2.5	2.4	1.4	1.0	1.2	2.1	1.9	2.5	1.4	
1962	1.8	1.4	3.7	2.2	1.1	1.1	1.1	1.2	1.1	1.4	2.9	2.6	
1963	1.9	1.9	1.9	1.8	2.2	2.1	1.3	1.5	2.3	2.5	2.2	1.7	
1964	3.3	2.6	2.3	2.3	2.0	0.7	1.9	1.5	2.1	1.9	2.4	1.7	
1965	2.8	2.6	1.8	1.9	0.9	1.6	1.0	1.3	1.4	2.0	1.3	1.9	
1966	3.2	1.4	2.3	2.0	1.1	2.2	1.2	0.9	2.3	1.1	2.3	1.8	
1967	1.4	1.6	2.6	1.5	1.5	0.8	1.0	1.1	2.6	1.9	1.3	2.7	
1968	2.6	1.5	2.7	1.9	2.6	1.5	0.7	0.7	1.2	1.2	2.7	2.0	
1969	2.7	2.0	2.5	1.7	1.6	1.0	1.3	0.8	1.9	1.9	2.9	3.0	
1970	1.3	2.3	2.0	2.3	1.4	1.3	0.9	1.1	1.3	2.1	2.6	3.1	
1971	2.4	2.4	2.6	2.6	2.0	1.2	1.4	2.1	1.5	2.2	2.6	1.3	
1972	1.4	3.5	2.8	1.1	2.0	2.2	0.8	0.9	2.2	2.5	2.7	2.3	
1973	1.9	2.7	2.0	2.3	1.9	1.7	1.0	1.3	2.0	3.1	1.7	3.2	
1974	2.2	1.9	2.8	1.8	2.1	1.8	0.5	0.8	1.5	1.0	1.4	3.7	
1975	2.0	2.2	3.4	2.0	1.1	1.6	2.1	0.8	2.1	1.9	2.3	3.2	

LARGEST HS(METRES) FOR STATION 54 = 3.7

STATION 55 20 YEARS FOR ALL DIRECTIONS												
SHORELINE ANGLE = 13.0 DEGREES AZIMUTH												
WATER DEPTH = 10.00 METRES												
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS												
HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER	
0.0-0.49	496	926	484	353	613	1443	756	129	80	127		5407
0.50-0.99	.	226	660	292	83	483	348	74	101	128		2395
1.00-1.49	.	.	33	206	96	148	115	17	21	37		673
1.50-1.99	.	.	.	8	62	91	46	9	6	15		237
2.00-2.49	8	57	30	3	1	4		103
2.50-2.99	8	16	1	.	1		26
3.00-3.49	1	.	.		1
3.50-3.99		0
4.00-4.49		0
4.50-4.99		0
5.00- GREATER		0
TOTAL	496	1152	1177	859	862	2230	1311	235	209	312		
AVE HS(M) = 0.47 LARGEST HS(M) = 3.70 TOTAL CASES = 58440												



MEAN HS(METRES) BY MONTH AND YEAR

STATION 55

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.6	0.5	0.5	0.3	0.4	0.5	0.3	0.4	1.0	0.5	0.4	0.5
1957	0.3	0.5	0.6	0.4	0.3	0.4	0.3	0.3	0.4	0.7	0.7	0.7	0.5
1958	0.5	0.3	0.5	0.7	0.5	0.4	0.3	0.4	0.2	0.7	0.5	0.4	0.4
1959	0.3	0.4	0.4	0.5	0.2	0.2	0.4	0.3	0.3	0.8	0.6	0.4	0.4
1960	0.3	0.8	0.4	0.5	0.4	0.8	0.5	0.4	0.4	0.4	0.3	0.2	0.5
1961	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.4	0.6	0.7	0.6	0.3	0.5
1962	0.4	0.5	1.2	0.9	0.3	0.3	0.3	0.3	0.3	0.4	0.8	0.6	0.5
1963	0.3	0.4	0.5	0.3	0.6	0.5	0.3	0.2	0.7	0.4	0.6	0.3	0.4
1964	0.6	0.4	0.5	0.7	0.6	0.3	0.4	0.3	0.6	0.4	0.4	0.5	0.5
1965	0.5	0.5	0.4	0.4	0.3	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.4
1966	0.4	0.3	0.4	0.5	0.5	0.6	0.4	0.3	0.6	0.3	0.5	0.4	0.4
1967	0.3	0.5	0.9	0.7	0.4	0.7	0.4	0.6	0.7	0.5	0.3	0.5	0.5
1968	0.4	0.3	0.5	0.5	0.5	0.6	0.4	0.3	0.4	0.3	0.5	0.4	0.4
1969	0.6	0.8	0.9	0.6	0.4	0.3	0.3	0.3	0.4	0.4	0.6	0.5	0.5
1970	0.2	0.7	0.4	0.6	0.4	0.4	0.4	0.3	0.4	0.7	0.6	0.4	0.4
1971	0.3	0.7	0.5	0.4	0.6	0.4	0.4	0.4	0.5	0.9	0.5	0.4	0.5
1972	0.5	0.6	0.7	0.3	0.7	0.5	0.2	0.2	0.5	0.6	0.5	0.6	0.5
1973	0.4	0.8	0.8	0.5	0.5	0.4	0.3	0.3	0.3	0.5	0.4	0.9	0.5
1974	0.5	0.6	0.7	0.6	0.4	0.5	0.4	0.4	0.3	0.2	0.3	0.6	0.5
1975	0.5	0.6	0.6	0.3	0.3	0.5	0.6	0.3	0.3	0.4	0.4	0.6	0.4
MEAN	0.4	0.5	0.6	0.5	0.4	0.4	0.4	0.3	0.4	0.5	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 55

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.5	1.9	2.4	2.2	1.0	1.0	1.7	0.9	3.0	2.7	2.0	1.5
1957	1.5	1.5	2.4	2.3	1.4	1.7	0.8	1.8	1.9	3.0	2.0	2.0
1958	2.5	2.3	3.0	2.2	1.4	1.0	0.8	1.4	0.9	2.8	2.9	2.3
1959	2.4	2.0	2.6	2.1	0.8	0.9	2.0	1.2	1.0	2.6	1.9	1.6
1960	1.9	2.9	2.4	1.7	1.6	1.8	2.8	1.0	1.5	1.9	1.5	2.7
1961	1.9	2.8	2.5	2.6	2.4	1.4	1.0	1.2	2.0	1.9	2.6	1.4
1962	2.1	1.4	3.6	2.2	1.1	1.2	1.1	1.2	1.2	1.4	2.9	2.6
1963	2.0	1.9	2.0	1.9	2.4	2.1	1.3	1.5	2.3	2.5	2.2	1.9
1964	3.3	2.6	2.3	2.3	2.0	0.8	1.9	1.6	2.0	1.9	2.4	1.9
1965	2.3	2.6	1.8	2.1	1.0	1.7	1.1	1.4	1.4	2.1	1.4	2.0
1966	3.3	1.5	2.3	2.0	1.2	2.2	1.3	0.9	2.3	1.2	2.3	1.8
1967	1.5	1.6	2.5	1.5	1.4	0.9	1.0	1.1	2.5	1.9	1.3	2.7
1968	2.7	1.6	2.7	2.0	2.6	1.5	0.8	0.8	1.3	1.3	2.7	2.0
1969	2.7	2.0	2.6	1.7	1.9	1.1	1.4	0.9	1.9	1.9	2.9	3.0
1970	1.3	2.3	2.0	2.3	1.4	1.3	1.0	1.1	1.6	2.1	2.6	3.1
1971	2.4	2.4	2.7	2.7	2.0	1.3	1.4	2.2	1.5	2.2	2.7	1.3
1972	1.5	3.5	2.8	1.1	2.0	2.2	0.8	0.9	2.2	2.5	2.7	2.3
1973	2.1	2.9	2.3	2.4	1.9	1.8	1.2	1.4	2.0	3.1	2.0	3.2
1974	2.2	2.2	2.8	1.8	2.1	1.8	0.7	0.8	1.6	1.0	1.4	3.7
1975	2.2	2.2	3.6	2.1	1.1	1.6	2.1	0.8	2.1	1.9	2.5	3.2

LARGEST HS(METRES) FOR STATION 55 = 3.7

STATION 56 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 9.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2469	5484	3757	2303	506	716	374	29	39	.	15677
0.50 - 0.99	.	393	2137	1331	350	160	32	8	17	.	4228
1.00 - 1.49	.	.	8	87	112	11	.	.	.	.	218
1.50 - 1.99	6	.	.	.	.	.	9
2.00 - 2.49	1	.	.	.	.	.	3
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2469	5877	5902	3721	975	887	406	37	56	0	

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 2.42 ANGLE CLASS % = 20.3

STATION 56 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 9.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL	
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER			
0.0-0.49	-	0.49	963	1254	1661	325	3451	8169	3843	205	424	434	18743
0.50-0.99	-	0.99	.	848	123	691	164	1842	1387	200	333	15	6775
1.00-1.49	-	1.49	.	.	.	27	171	607	147	44	54	1	2217
1.50-1.99	-	1.99	.	.	.	.	25	349	159	35	18	.	559
2.00-2.49	-	2.49	.	.	.	.	.	100	49	13	1	1	188
2.50-2.99	-	2.99	.	.	.	.	.	6	11	5	.	.	25
3.00-3.49	-	3.49	.	.	.	.	.	.	.	.	.	.	5
3.50-3.99	-	3.99	.	.	.	.	.	.	.	.	.	.	5
4.00-4.49	-	4.49	.	.	.	.	.	.	.	.	.	.	5
4.50-4.99	-	4.99	.	.	.	.	.	.	.	.	.	.	5
5.00-GREATER	-		5
TOTAL			963	2102	1784	1043	4161	11073	5796	508	831	451	

AVERAGE HS(M) = 0.51 LARGEST HS(M) = 3.13 ANGLE CLASS % = 28.7

STATION 56 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 9.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	520	607	1141	88	460	2742	2075	927	256	407	7994	
0.50-0.99	.	612	147	633	32	725	627	272	302	116	3215	
1.00-1.49	.	.	.	44	87	142	119	30	15	7	617	
1.50-1.99	196	106	49	3	.	5	235	
2.00-2.49	30	49	83	10	1	.	16	
2.50-2.99	3	.	.	.	5	
3.00-3.49	5	
3.50-3.99	5	
4.00-4.49	5	
4.50-4.99	5	
5.00-GREATER	5	
TOTAL	520	1219	1288	765	805	3963	3007	1251	640	548		

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 3.61 ANGLE CLASS % = 14.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 56

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.6	0.5	0.5	0.3	0.3	0.5	0.3	0.5	1.0	0.5	0.3	0.5
1957	0.3	0.5	0.6	0.4	0.3	0.4	0.3	0.3	0.4	0.7	0.6	0.7	0.5
1958	0.5	0.3	0.6	0.7	0.5	0.4	0.3	0.4	0.2	0.7	0.5	0.4	0.4
1959	0.3	0.4	0.4	0.5	0.2	0.2	0.4	0.3	0.3	0.8	0.6	0.4	0.4
1960	0.3	0.7	0.4	0.5	0.4	0.8	0.5	0.4	0.5	0.4	0.3	0.2	0.5
1961	0.4	0.5	0.5	0.5	0.5	0.6	0.4	0.4	0.6	0.7	0.6	0.3	0.5
1962	0.4	0.6	1.2	0.9	0.3	0.3	0.3	0.3	0.3	0.4	0.8	0.6	0.5
1963	0.3	0.4	0.5	0.2	0.6	0.4	0.2	0.2	0.7	0.4	0.6	0.2	0.4
1964	0.5	0.4	0.4	0.6	0.6	0.3	0.4	0.3	0.6	0.4	0.3	0.5	0.5
1965	0.5	0.4	0.4	0.4	0.3	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.4
1966	0.4	0.3	0.4	0.5	0.4	0.5	0.4	0.3	0.6	0.3	0.5	0.4	0.4
1967	0.3	0.5	0.9	0.7	0.4	0.3	0.4	0.6	0.7	0.5	0.3	0.6	0.5
1968	0.4	0.3	0.5	0.5	0.5	0.6	0.4	0.3	0.4	0.3	0.5	0.4	0.4
1969	0.6	0.9	0.9	0.6	0.4	0.3	0.3	0.3	0.4	0.4	0.6	0.5	0.5
1970	0.2	0.7	0.4	0.6	0.4	0.3	0.3	0.3	0.4	0.7	0.6	0.4	0.4
1971	0.3	0.6	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.9	0.5	0.4	0.5
1972	0.4	0.6	0.7	0.3	0.7	0.5	0.2	0.2	0.5	0.6	0.5	0.6	0.5
1973	0.4	0.8	0.8	0.5	0.5	0.4	0.3	0.3	0.3	0.5	0.4	0.8	0.5
1974	0.4	0.6	0.7	0.5	0.4	0.5	0.4	0.4	0.3	0.2	0.3	0.6	0.5
1975	0.5	0.6	0.6	0.3	0.3	0.5	0.6	0.3	0.3	0.4	0.4	0.6	0.4
MEAN	0.4	0.5	0.6	0.5	0.4	0.4	0.4	0.3	0.5	0.5	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 56

MONTH

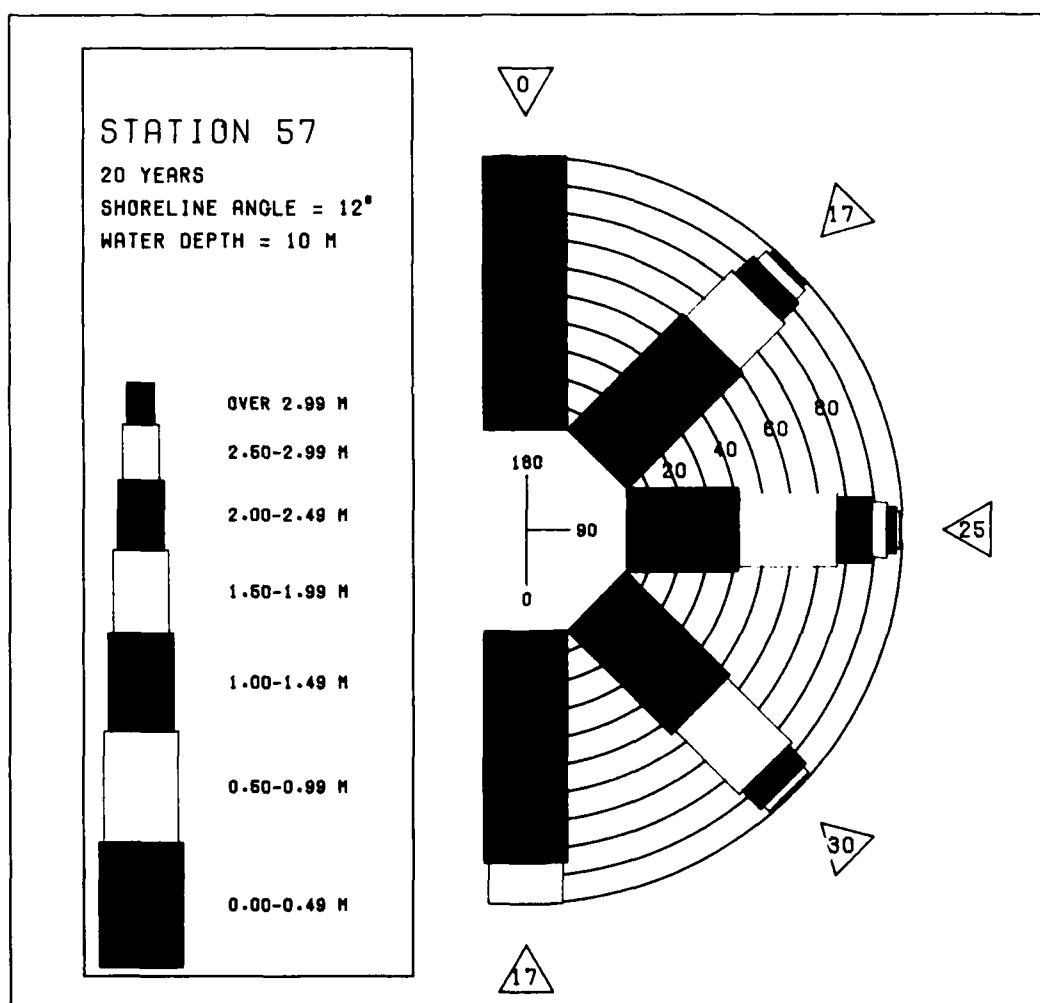
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.6	2.0	2.4	2.2	1.0	1.0	1.4	0.9	3.1	2.7	2.0	1.5
1957	1.7	1.7	2.4	2.3	1.4	1.5	0.8	1.9	1.9	3.0	2.1	1.9
1958	2.6	2.3	3.0	2.2	1.4	1.1	0.8	1.3	0.9	2.9	2.9	2.4
1959	2.2	2.0	2.6	2.2	0.7	1.1	2.0	1.4	1.0	2.6	1.7	1.6
1960	2.2	2.9	2.4	1.6	1.6	1.8	2.8	1.1	1.5	2.0	1.5	2.7
1961	2.0	3.1	2.6	2.7	2.5	1.4	1.0	1.2	2.1	2.0	2.6	1.4
1962	2.1	1.4	3.9	2.2	1.1	1.2	1.1	1.2	1.3	1.4	2.9	2.6
1963	2.0	2.3	2.0	1.8	2.2	2.1	1.3	1.5	2.4	2.5	2.3	1.7
1964	3.5	2.6	2.5	2.4	2.0	0.8	1.9	1.6	2.1	1.9	2.4	1.8
1965	2.8	2.6	1.9	1.9	1.0	2.0	1.1	1.4	1.4	2.1	1.4	2.0
1966	3.3	1.5	2.3	2.1	1.1	2.3	1.3	0.9	2.3	1.2	2.3	1.9
1967	1.5	1.8	2.7	1.5	1.6	0.8	1.0	1.2	2.6	1.9	1.3	2.8
1968	2.6	1.5	2.7	1.9	2.6	1.5	0.8	0.7	1.3	1.2	2.7	2.0
1969	2.8	2.1	2.5	1.7	1.9	1.1	1.4	0.8	1.9	1.9	2.9	3.0
1970	1.6	2.3	2.0	2.3	1.4	1.3	1.0	1.2	1.3	2.1	2.6	3.1
1971	2.4	2.4	2.7	2.8	2.0	1.3	1.4	2.2	1.5	2.2	2.7	1.4
1972	1.5	3.5	2.8	1.1	2.0	2.2	0.8	1.0	2.3	2.7	2.7	2.4
1973	2.0	2.7	2.3	2.3	1.9	1.8	1.0	1.3	2.1	3.2	2.0	3.2
1974	2.2	2.2	3.1	1.8	2.1	1.9	0.6	1.0	1.5	1.0	1.4	3.7
1975	2.2	2.5	3.6	2.0	1.1	1.7	2.2	0.8	2.1	1.9	2.5	3.2

LARGEST HS(METRES) FOR STATION 56 = 3.9

STATION 57 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 12.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.0+ LONGER	TOTAL
0.0-0.49	438	938	572	421	581	1159	643	167	95	110	5124
0.50-0.99	.	255	732	281	128	450	405	155	61	102	2569
1.00-1.49	.	.	47	236	109	168	113	19	10	41	743
1.50-1.99	.	.	.	11	81	191	230	6	2	19	306
2.00-2.49	14	10	3	1	1	1	147
2.50-2.99	46
3.00-3.49	1
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
10.00-10.99	0
11.00-11.0+	0
GREATER	0
TOTAL	438	1193	1351	949	913	2006	1271	375	172	277	58440

AVE HS(M) = 0.51 LARGEST HS(M) = 3.97 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 57

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	1.0	0.7	0.5	0.5	0.3	0.4	0.5	0.4	0.6	1.2	0.7	0.4	0.6
1957	0.3	0.7	0.6	0.4	0.3	0.5	0.3	0.4	0.5	0.8	0.6	0.7	0.5
1958	0.4	0.3	0.6	0.7	0.6	0.5	0.3	0.5	0.3	0.9	0.5	0.4	0.5
1959	0.4	0.4	0.4	0.6	0.2	0.2	0.4	0.4	0.4	0.8	0.6	0.4	0.4
1960	0.3	0.7	0.5	0.5	0.5	0.9	0.6	0.5	0.6	0.5	0.4	0.2	0.5
1961	0.4	0.6	0.5	0.5	0.5	0.6	0.4	0.4	0.7	0.8	0.6	0.3	0.5
1962	0.5	0.6	1.4	1.1	0.4	0.4	0.3	0.4	0.4	0.4	0.9	0.7	0.6
1963	0.4	0.5	0.5	0.3	0.6	0.4	0.2	0.2	0.8	0.5	0.6	0.3	0.4
1964	0.6	0.5	0.5	0.7	0.9	0.5	0.5	0.3	0.8	0.5	0.3	0.5	0.5
1965	0.5	0.5	0.3	0.4	0.3	0.5	0.4	0.4	0.5	0.4	0.4	0.3	0.4
1966	0.4	0.3	0.4	0.5	0.5	0.6	0.4	0.3	0.6	0.4	0.5	0.4	0.4
1967	0.3	0.6	0.7	0.3	0.4	0.3	0.4	0.6	0.9	0.5	0.3	0.5	0.5
1968	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.3	0.5	0.4	0.5
1969	0.7	0.9	0.9	0.6	0.4	0.4	0.4	0.3	0.5	0.5	0.6	0.5	0.6
1970	0.2	0.8	0.5	0.7	0.5	0.3	0.4	0.3	0.4	0.8	0.9	0.4	0.5
1971	0.3	0.6	0.5	0.4	0.6	0.4	0.4	0.5	0.6	1.0	0.5	0.5	0.5
1972	0.4	0.6	0.7	0.3	0.8	0.6	0.2	0.3	0.6	0.6	0.6	0.6	0.5
1973	0.4	0.8	0.9	0.5	0.6	0.4	0.3	0.3	0.3	0.5	0.4	0.8	0.5
1974	0.5	0.6	0.6	0.6	0.4	0.6	0.4	0.5	0.4	0.2	0.4	0.6	0.5
1975	0.6	0.5	0.6	0.4	0.3	0.5	0.8	0.5	0.4	0.5	0.4	0.7	0.5
MEAN	0.5	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.6	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 57

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.6	2.0	2.4	2.3	1.1	1.1	1.5	1.2	4.0	2.8	2.1	2.0	
1957	1.7	2.1	2.7	2.3	1.4	1.5	1.0	1.8	1.9	3.3	2.3	2.2	
1958	2.7	2.3	3.1	2.2	1.4	1.1	0.8	1.4	1.2	3.1	2.5	2.5	
1959	2.2	2.1	2.4	2.1	0.8	1.1	2.1	1.7	1.1	2.6	1.9	1.7	
1960	2.7	2.9	2.6	1.8	1.4	2.0	2.8	1.9	1.6	2.7	1.9	2.7	
1961	2.9	3.5	2.7	2.7	2.7	1.7	1.3	1.2	2.5	2.1	2.2	1.7	
1962	2.1	2.0	3.9	2.3	1.3	1.7	1.3	1.6	2.3	1.3	3.1	2.6	
1963	2.1	2.5	2.1	2.1	2.3	2.4	1.3	1.9	2.5	2.4	2.3	2.0	
1964	3.9	2.6	2.6	2.2	2.4	1.0	2.0	1.6	2.7	2.0	2.4	1.7	
1965	2.9	2.6	2.0	1.7	1.0	1.9	1.1	1.4	1.5	2.2	1.5	2.0	
1966	2.9	1.6	2.3	2.1	1.2	2.3	1.3	1.2	2.5	1.6	2.2	2.5	
1967	1.4	2.3	2.5	1.4	2.2	0.9	1.1	1.3	2.7	1.6	1.4	2.9	
1968	2.8	1.7	2.7	2.0	3.1	1.5	0.8	0.8	1.4	1.3	2.9	2.0	
1969	3.2	2.8	2.5	1.6	1.6	1.1	1.7	1.0	2.2	2.2	3.0	3.0	
1970	2.0	2.3	2.1	2.5	1.6	1.5	1.1	2.0	1.3	2.7	2.4	3.0	
1971	2.0	2.4	2.7	3.3	2.4	1.5	1.3	2.7	1.7	2.5	2.6	1.9	
1972	1.8	3.6	2.7	1.5	2.3	2.3	1.0	2.0	2.4	2.9	2.7	2.5	
1973	2.6	2.8	2.3	2.6	2.2	1.8	1.0	1.5	2.1	3.2	2.0	3.6	
1974	2.2	2.3	3.3	2.0	2.0	2.2	0.7	1.9	1.7	0.8	1.2	3.8	
1975	2.9	2.6	3.3	2.0	1.1	2.4	2.7	0.9	2.2	2.1	2.9	3.3	

LARGEST HS(METRES) FOR STATION 57 = 4.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 58

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.2	0.7	0.6	0.5	0.4	0.4	0.5	0.4	0.6	1.2	0.7	0.4	0.6
1957	0.4	0.7	0.6	0.5	0.4	0.5	0.3	0.4	0.5	0.8	0.7	0.7	0.6
1958	0.5	0.4	0.7	0.8	0.6	0.5	0.3	0.5	0.3	0.9	0.6	0.5	0.5
1959	0.4	0.5	0.5	0.6	0.2	0.2	0.4	0.4	0.4	0.8	0.6	0.5	0.5
1960	0.4	0.7	0.6	0.5	0.5	1.0	0.6	0.5	0.6	0.5	0.4	0.3	0.5
1961	0.5	0.7	0.6	0.5	0.5	0.6	0.5	0.5	0.8	0.9	0.7	0.4	0.6
1962	0.6	0.7	1.5	1.1	0.4	0.4	0.3	0.4	0.4	0.4	1.0	0.8	0.7
1963	0.5	0.5	0.6	0.3	0.6	0.4	0.3	0.3	0.9	0.6	0.6	0.3	0.5
1964	0.6	0.5	0.5	0.7	0.9	0.5	0.5	0.4	0.8	0.5	0.4	0.6	0.6
1965	0.6	0.6	0.4	0.4	0.3	0.6	0.4	0.4	0.5	0.5	0.4	0.3	0.5
1966	0.5	0.4	0.5	0.5	0.5	0.6	0.4	0.4	0.6	0.4	0.6	0.5	0.5
1967	0.4	0.6	0.8	0.4	0.5	0.3	0.4	0.7	1.0	0.6	0.3	0.6	0.6
1968	0.5	0.4	0.6	0.5	0.6	0.6	0.5	0.5	0.5	0.3	0.6	0.4	0.5
1969	0.8	1.1	1.0	0.7	0.4	0.4	0.4	0.3	0.6	0.6	0.7	0.6	0.6
1970	0.3	0.8	0.6	0.7	0.5	0.4	0.4	0.3	0.4	0.9	0.9	0.5	0.5
1971	0.4	0.6	0.5	0.4	0.6	0.4	0.5	0.5	0.6	1.0	0.6	0.6	0.6
1972	0.5	0.7	0.7	0.4	0.8	0.6	0.3	0.3	0.7	0.7	0.7	0.7	0.6
1973	0.4	0.9	0.9	0.5	0.6	0.4	0.3	0.3	0.3	0.5	0.4	0.9	0.6
1974	0.5	0.7	0.7	0.6	0.5	0.6	0.4	0.5	0.4	0.3	0.5	0.7	0.5
1975	0.7	0.5	0.7	0.5	0.3	0.5	0.8	0.5	0.4	0.5	0.5	0.8	0.6
MEAN	0.5	0.6	0.7	0.6	0.5	0.5	0.4	0.4	0.6	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 58

MONTH

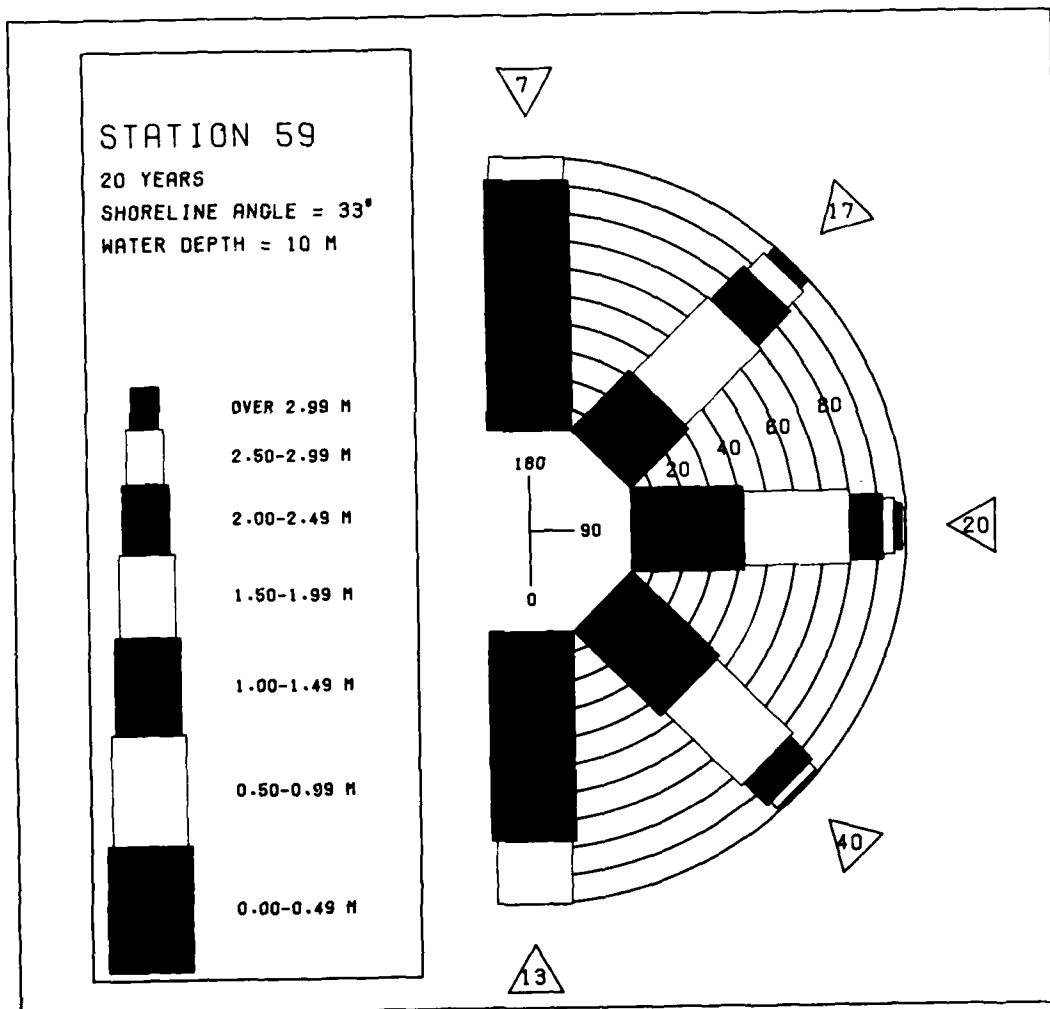
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.6	2.0	2.4	2.4	1.3	1.3	1.5	1.5	4.0	2.8	2.2	2.0	
1957	2.2	2.3	2.8	2.3	1.4	1.5	1.2	1.9	1.9	3.3	2.3	2.2	
1958	2.7	2.3	3.1	2.4	1.4	1.2	0.8	1.5	1.2	3.1	2.5	2.7	
1959	2.2	2.1	2.4	2.1	0.8	1.2	2.1	2.0	1.1	2.6	2.1	1.8	
1960	2.7	3.0	2.6	1.8	1.4	2.0	2.8	2.0	1.7	2.8	1.9	2.7	
1961	3.0	3.5	2.7	2.7	2.7	1.7	1.3	1.2	2.8	2.2	2.2	1.7	
1962	2.2	2.0	3.9	2.3	1.3	1.7	1.4	1.7	2.5	1.5	3.1	2.8	
1963	2.1	2.6	2.1	2.1	2.3	2.4	1.3	1.9	2.6	2.4	2.3	2.1	
1964	3.9	2.6	2.6	2.2	2.4	1.0	2.2	2.0	2.8	2.1	2.4	1.7	
1965	2.9	2.6	2.0	1.7	1.0	2.1	1.2	1.4	1.5	2.2	1.6	2.0	
1966	2.9	1.6	2.3	2.1	1.2	2.4	1.3	1.2	2.5	1.6	2.2	2.5	
1967	1.4	2.6	2.7	1.7	2.4	1.2	1.1	1.5	2.7	1.6	1.4	2.9	
1968	2.8	2.0	2.7	2.0	3.1	1.5	0.8	1.0	1.4	1.3	2.9	2.0	
1969	3.3	2.8	2.8	1.7	1.6	1.2	1.9	1.2	2.2	2.3	3.0	3.0	
1970	2.2	2.3	2.3	2.5	1.6	1.5	1.1	2.2	1.3	2.8	2.5	3.0	
1971	2.2	2.4	2.7	3.3	2.4	1.5	1.3	2.7	1.7	2.7	2.6	2.2	
1972	2.2	3.6	2.7	1.8	2.3	2.4	1.4	2.0	2.5	2.9	2.7	2.5	
1973	2.6	2.8	2.3	2.6	2.2	1.8	1.0	1.5	2.1	3.2	2.0	3.6	
1974	2.2	2.6	3.5	2.0	2.0	2.3	0.7	2.0	1.7	1.0	1.6	3.8	
1975	2.9	2.6	3.3	2.0	1.1	2.6	3.0	0.9	2.2	2.1	3.0	3.3	

LARGEST HS(METRES) FOR STATION 58 = 4.0

STATION 59 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 33.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	394	829	430	359	598	1229	587	149	64	95	4734
0.50-0.99	.	358	926	337	136	698	574	174	72	107	3382
1.00-1.49	.	.	67	309	137	223	165	24	34	16	995
1.50-1.99	.	.	.	16	96	161	69	14	5	4	376
2.00-2.49	15	10	23	10	1	1	163
2.50-2.99	1	5	.	.	46
3.00-3.49	7
3.50-3.99	1
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	394	1187	1423	1021	982	2408	1463	386	182	258	58440

AVE HS(M) = 0.61 LARGEST HS(M) = 3.78 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 59

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.9	0.6	0.7	0.5	0.5	0.7	0.5	0.6	1.1	0.7	0.5	0.7
1957	0.4	0.7	0.6	0.6	0.4	0.6	0.5	0.5	0.6	0.8	0.8	0.9	0.6
1958	0.5	0.4	0.6	0.8	0.6	0.6	0.5	0.6	0.4	0.9	0.6	0.5	0.6
1959	0.5	0.6	0.6	0.7	0.3	0.3	0.5	0.5	0.4	0.9	0.7	0.5	0.5
1960	0.4	0.8	0.5	0.7	0.6	0.9	0.6	0.6	0.6	0.5	0.5	0.3	0.6
1961	0.5	0.7	0.6	0.7	0.7	0.8	0.6	0.6	0.8	0.8	0.6	0.5	0.7
1962	0.6	0.7	1.3	1.1	0.4	0.4	0.5	0.5	0.4	0.5	1.0	0.8	0.7
1963	0.5	0.6	0.7	0.4	0.7	0.5	0.4	0.4	0.8	0.5	0.8	0.4	0.6
1964	0.7	0.6	0.7	0.8	0.9	0.5	0.6	0.4	0.8	0.5	0.5	0.7	0.6
1965	0.6	0.7	0.5	0.5	0.4	0.6	0.5	0.5	0.5	0.6	0.5	0.4	0.5
1966	0.5	0.4	0.6	0.6	0.6	0.7	0.5	0.5	0.7	0.5	0.6	0.5	0.6
1967	0.5	0.7	0.9	0.5	0.6	0.4	0.6	0.8	0.9	0.6	0.4	0.7	0.6
1968	0.5	0.4	0.6	0.6	0.6	0.7	0.5	0.5	0.5	0.4	0.6	0.5	0.5
1969	0.8	1.0	0.9	0.7	0.5	0.5	0.4	0.4	0.6	0.6	0.7	0.6	0.6
1970	0.3	1.0	0.6	0.8	0.6	0.5	0.5	0.4	0.5	0.8	0.9	0.5	0.6
1971	0.5	0.8	0.6	0.6	0.8	0.5	0.6	0.6	0.6	1.0	0.6	0.6	0.6
1972	0.7	0.8	0.9	0.5	0.9	0.7	0.4	0.4	0.6	0.7	0.7	0.7	0.7
1973	0.6	0.8	0.9	0.7	0.7	0.6	0.4	0.4	0.4	0.6	0.6	1.1	0.6
1974	0.6	0.8	0.8	0.9	0.5	0.6	0.5	0.5	0.4	0.3	0.5	0.7	0.6
1975	0.7	0.6	0.7	0.5	0.3	0.6	0.8	0.6	0.5	0.5	0.6	0.8	0.6
MEAN	0.6	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 59

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.4	2.2	2.3	2.9	1.3	1.4	1.9	1.1	3.5	2.7	2.0	2.0	
1957	1.9	1.9	2.4	2.6	1.5	2.0	1.1	1.8	1.9	3.2	2.2	2.3	
1958	2.7	2.4	2.9	2.3	1.4	1.3	1.2	1.9	1.5	3.0	2.7	2.4	
1959	2.9	2.1	2.7	2.2	1.0	1.1	2.4	1.6	1.1	2.7	2.2	1.8	
1960	2.4	3.1	2.6	2.0	1.5	1.9	2.8	1.9	1.7	2.5	1.8	2.5	
1961	2.6	3.3	2.6	2.7	2.5	1.9	1.4	1.3	2.3	2.0	2.3	1.9	
1962	2.3	2.1	3.3	2.6	1.3	1.8	1.3	1.5	2.2	1.8	3.0	2.7	
1963	2.3	2.4	2.3	2.3	2.7	2.3	1.5	2.1	2.3	2.4	2.3	2.0	
1964	3.7	2.6	2.4	2.1	2.1	1.0	1.9	1.6	2.4	2.0	2.4	2.1	
1965	2.9	2.7	2.0	2.1	1.0	1.8	1.3	1.5	1.4	2.4	1.7	2.0	
1966	3.0	1.7	2.3	2.1	1.3	2.6	1.6	1.7	2.4	1.7	2.3	2.3	
1967	1.8	2.2	2.2	1.8	2.1	1.0	1.3	1.4	2.6	1.8	1.4	2.8	
1968	2.8	1.8	2.7	1.9	2.9	1.5	0.9	0.9	1.3	1.6	2.9	2.5	
1969	3.0	2.6	2.8	1.8	2.1	1.3	1.6	1.2	1.9	2.1	3.0	3.1	
1970	1.9	3.0	2.1	2.7	1.6	1.9	1.4	1.9	1.8	2.5	2.5	3.2	
1971	2.2	2.7	3.0	3.3	2.3	1.5	1.2	3.1	1.6	2.4	2.7	1.8	
1972	1.9	3.6	2.8	1.6	2.3	2.2	1.1	2.0	2.2	3.0	2.7	2.4	
1973	2.6	3.1	2.6	2.7	2.2	1.9	1.3	1.8	2.1	3.2	2.6	3.6	
1974	2.3	2.6	3.2	2.1	2.3	2.1	1.0	1.8	1.9	1.4	1.9	3.8	
1975	2.5	2.6	3.5	2.4	1.0	2.3	2.5	0.9	2.2	2.1	2.6	3.1	

LARGEST HS(METRES) FOR STATION 59 = 3.8

MEAN HS(METRES) BY MONTH AND YEAR

STATION 60

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.3	0.9	0.6	0.7	0.5	0.5	0.8	0.6	0.6	1.2	0.9	0.5	0.8
1957	0.4	0.8	0.6	0.6	0.4	0.6	0.4	0.5	0.6	0.7	0.7	0.8	0.6
1958	0.5	0.4	0.7	0.8	0.6	0.4	0.5	0.6	0.4	0.9	0.6	0.6	0.6
1959	0.6	0.5	0.7	0.7	0.4	0.3	0.5	0.5	0.4	0.8	0.7	0.5	0.5
1960	0.4	0.8	0.6	0.8	0.6	1.0	0.6	0.6	0.6	0.6	0.5	0.4	0.6
1961	0.5	0.8	0.6	0.7	0.6	0.7	0.6	0.5	0.8	0.8	0.6	0.5	0.6
1962	0.7	0.6	1.6	1.4	0.5	0.5	0.5	0.5	0.4	0.5	1.0	0.9	0.7
1963	0.5	0.6	0.7	0.4	0.6	0.5	0.4	0.4	0.9	0.6	0.6	0.4	0.6
1964	0.8	0.6	0.7	0.8	0.9	0.6	0.7	0.5	0.9	0.5	0.5	0.8	0.7
1965	0.6	0.7	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.4	0.5
1966	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.9	0.7	0.4	0.6	0.5	0.6
1967	0.5	0.7	0.9	0.5	0.6	0.4	0.6	0.7	1.0	0.7	0.4	0.7	0.6
1968	0.4	0.4	0.6	0.5	0.6	0.4	0.4	0.4	0.3	0.3	0.6	0.5	0.5
1969	0.8	1.2	1.1	0.8	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7
1970	0.3	1.1	0.7	0.8	0.5	0.5	0.5	0.4	0.4	0.8	1.0	0.6	0.6
1971	0.5	0.8	0.6	0.6	0.7	0.4	0.6	0.6	0.7	1.1	0.7	0.6	0.6
1972	0.6	0.8	0.8	0.6	0.9	0.7	0.4	0.5	0.7	0.7	0.7	0.7	0.7
1973	0.6	1.1	1.0	0.7	0.7	0.6	0.4	0.3	0.4	0.6	0.5	1.1	0.7
1974	0.6	0.8	0.8	0.9	0.5	0.6	0.4	0.5	0.4	0.3	0.5	0.6	0.6
1975	0.8	0.7	0.7	0.5	0.3	0.4	1.5	1.3	1.1	1.0	0.8	1.0	0.9
MEAN	0.6	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 60

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.5	2.3	2.6	3.4	1.2	1.8	1.9	1.0	3.8	2.9	2.3	1.7
1957	1.3	2.1	2.7	2.4	1.4	1.6	1.0	2.0	1.9	3.3	2.1	2.4
1958	2.7	2.3	3.0	2.3	1.7	1.5	1.3	1.9	1.3	3.3	2.7	2.7
1959	2.7	1.9	2.5	2.3	1.2	1.0	1.7	1.5	1.3	2.8	2.1	1.7
1960	2.6	3.0	2.9	2.3	1.4	1.9	2.4	1.9	2.0	3.0	1.9	2.5
1961	2.4	3.5	2.5	2.7	2.6	1.8	1.2	1.4	2.9	2.5	2.0	2.1
1962	2.0	1.5	3.9	2.7	1.5	1.9	1.1	1.4	1.7	1.3	3.3	3.1
1963	1.9	2.4	2.2	2.4	2.4	2.3	1.5	2.0	2.5	2.6	2.5	1.9
1964	3.7	2.5	2.4	2.2	2.1	1.2	2.4	1.4	2.5	2.1	2.4	2.1
1965	2.6	2.9	2.3	2.0	1.0	1.9	1.3	1.3	1.6	2.5	1.5	2.0
1966	3.0	2.0	2.1	2.1	1.3	2.9	1.7	1.7	2.6	1.9	2.3	2.4
1967	2.1	2.0	2.0	1.7	2.0	1.1	1.5	1.8	2.8	1.8	1.5	3.0
1968	2.8	2.2	2.6	1.9	2.7	1.0	0.7	0.8	1.4	1.4	3.2	3.0
1969	3.1	3.2	3.5	1.9	2.1	1.3	1.7	1.2	1.8	2.3	3.1	2.9
1970	1.6	3.4	2.1	2.7	1.7	1.7	1.3	1.8	1.4	2.6	2.6	2.7
1971	2.1	2.7	2.8	3.0	2.1	1.3	1.5	3.2	2.3	2.3	2.5	1.5
1972	1.9	3.6	2.5	1.8	2.3	2.2	1.2	1.4	2.2	2.9	2.4	2.4
1973	2.7	3.2	2.6	2.9	2.0	1.9	1.2	1.8	2.4	3.3	3.1	3.6
1974	2.2	2.6	3.1	2.3	2.0	2.1	1.0	1.3	1.9	1.2	1.7	3.8
1975	2.5	2.7	3.9	2.5	1.0	2.0	3.9	1.5	2.2	2.1	3.1	3.6

LARGEST HS(METRES) FOR STATION 60 = 4.5

STATION 61 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 54.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1421	3877	2587	1682	580	148	11	.	.	.	10306
0.5 - 0.99	.	629	3282	1827	229	59	.	.	.	.	6033
1.0 - 1.49	.	.	44	281	1	17	.	.	.	.	442
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	1421	4506	5923	3792	907	223	11	0	0	0	

AVERAGE HS(M) = 0.44 LARGEST HS(M) = 1.57 ANGLE CLASS % = 16.8

STATION 61 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 54.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	826	1663	3040	718	2048	3877	1317	119	.	.	9850	
0.5 - 0.99	.	1471	237	1442	236	2823	703	20	.	.	9011	
1.0 - 1.49	.	.	.	61	768	773	347	5	.	.	3572	
1.5 - 1.99	347	593	119	1	.	.	1121	
2.0 - 2.49	65	251	92	20	.	.	411	
2.5 - 2.99	10	30	1	.	.	60	
3.0 - 3.49	0	
3.5 - 3.99	0	
4.0 - 4.49	0	
4.5 - 4.99	0	
5.0 - GREATER	0	
TOTAL	826	3134	3277	2221	3464	8327	2608	169	1	0		

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 3.32 ANGLE CLASS % = 24.0

STATION 61 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 54.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

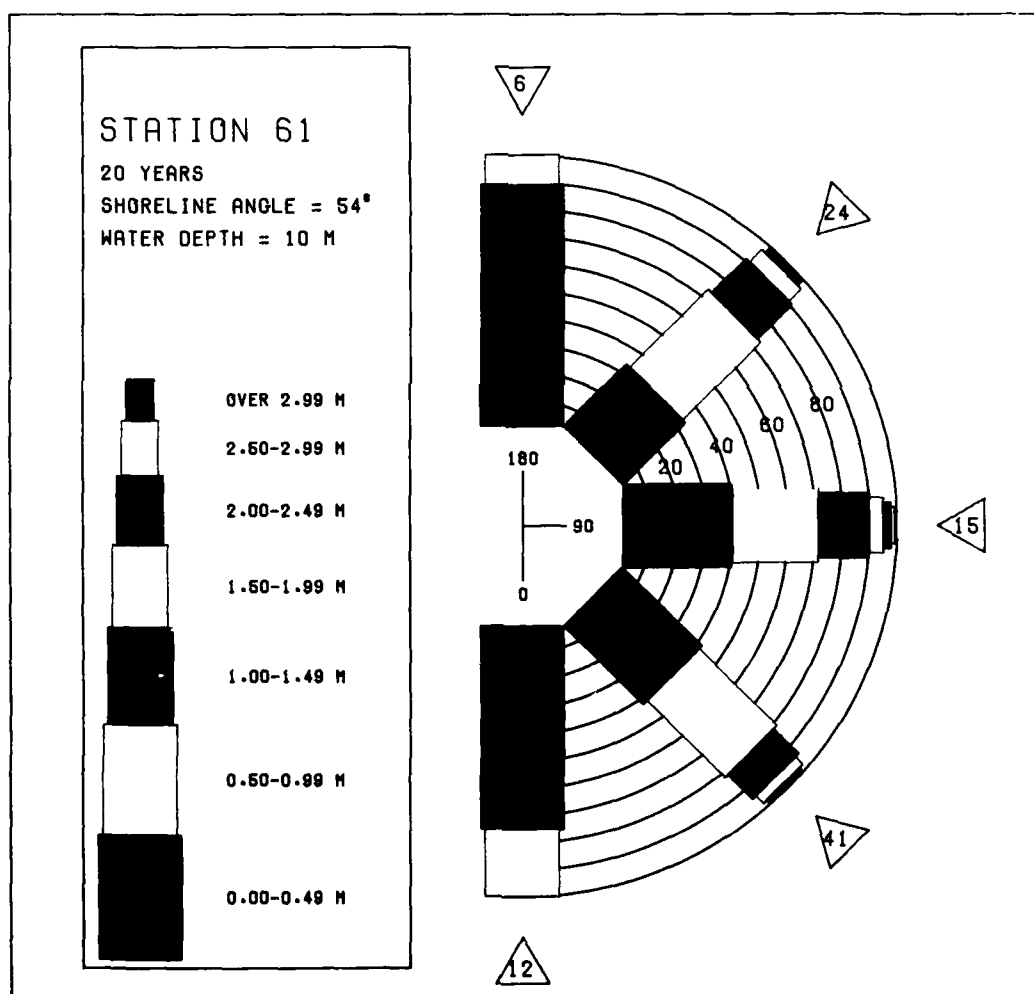
HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	383	580	1117	49	1059	3762	1124	65	184	1009	8166	
0.50-0.99	.	653	169	573	207	1870	2149	118	827	366	7076	
1.00-1.49	.	.	.	34	201	747	463	59	876	160	3139	
1.50-1.99	53	326	254	25	65	122	967	
2.00-2.49	249	171	23	13	13	524	
2.50-2.99	44	92	3	17	1	192	
3.00-3.49	8	.	1	.	49	
3.50-3.99	12	
4.00-4.49	0	
4.50-4.99	0	
5.00-GREATER	0	
TOTAL	383	1233	1286	656	1612	6998	4301	360	1724	1573		

AVERAGE HS(M) = 0.75 LARGEST HS(M) = 4.13 ANGLE CLASS % = 20.2

STATION 61 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 54.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.0-0.49	389	884	402	372	528	1094	443	71	98	197	4478
0.5-0.99	.	403	1084	352	107	817	446	63	118	227	3424
1.0-1.49	.	.	74	352	147	159	146	103	150	119	1202
1.5-1.99	.	.	.	15	17	81	71	16	100	22	160
2.0-2.49	8	44	1	3	6	60
2.5-2.99	1	.	.	1	10
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0- GREATER	0
TOTAL	389	1287	1560	1133	890	2175	1170	193	392	576	58440

AVE HS(M) = 0.65 LARGEST HS(M) = 4.13 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 61

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.1	1.0	0.7	0.8	0.5	0.6	0.9	0.6	0.6	1.0	0.8	0.6	0.8
1957	0.4	0.7	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.6	0.8	0.9	0.6
1958	0.5	0.5	0.6	0.8	0.6	0.5	0.6	0.7	0.4	0.8	0.7	0.5	0.6
1959	0.7	0.6	0.7	0.7	0.4	0.4	0.6	0.5	0.4	0.8	0.7	0.5	0.6
1960	0.5	0.9	0.5	0.8	0.6	0.9	0.6	0.6	0.6	0.5	0.6	0.4	0.6
1961	0.5	0.8	0.7	0.8	0.7	0.8	0.7	0.6	0.7	0.6	0.5	0.6	0.7
1962	0.7	0.6	1.3	1.2	0.5	0.5	0.5	0.5	0.4	0.5	0.9	0.9	0.7
1963	0.5	0.6	0.8	0.5	0.7	0.6	0.4	0.4	0.7	0.5	0.7	0.4	0.6
1964	0.8	0.6	0.8	0.9	0.8	0.6	0.7	0.5	0.7	0.5	0.5	0.8	0.7
1965	0.6	0.8	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.7	0.6	0.4	0.6
1966	0.5	0.5	0.6	0.5	0.5	1.1	1.2	1.0	0.7	0.5	0.6	0.5	0.7
1967	0.6	0.7	0.9	0.5	0.6	0.4	0.7	0.8	0.8	0.7	0.5	0.7	0.7
1968	0.4	0.4	0.6	0.5	0.6	0.4	0.4	0.4	0.3	0.3	0.6	0.6	0.5
1969	0.8	1.0	1.0	0.8	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.7
1970	0.3	1.2	0.7	0.8	0.6	0.6	0.6	0.5	0.5	0.8	0.9	0.6	0.7
1971	0.5	0.9	0.6	0.6	0.8	0.4	0.6	0.6	0.6	1.0	0.6	0.6	0.7
1972	0.7	0.8	0.9	0.6	0.9	0.7	0.5	0.5	0.6	0.6	0.7	0.7	0.7
1973	0.7	1.0	0.9	0.8	0.7	0.7	0.4	0.4	0.4	0.6	0.7	1.2	0.7
1974	0.6	0.8	0.9	1.0	0.5	0.6	0.5	0.4	0.4	0.3	0.5	0.7	0.6
1975	0.8	0.7	0.7	0.5	0.3	0.4	1.3	1.1	1.0	0.8	0.8	0.9	0.8
MEAN	0.6	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 61

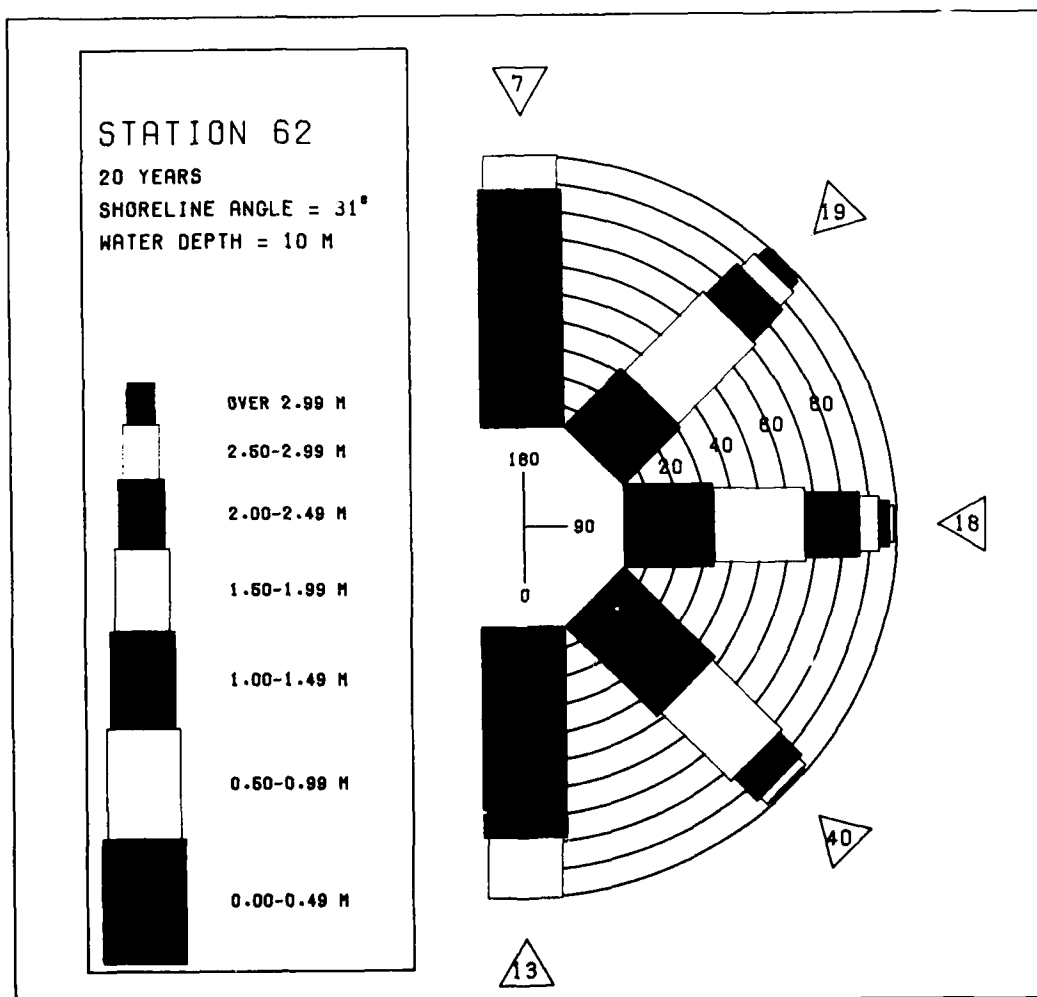
MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.7	2.3	2.4	3.7	1.3	1.8	1.9	1.2	3.1	2.5	2.3	1.9
1957	1.4	2.1	2.3	2.6	1.7	2.0	1.2	1.7	1.9	2.9	2.4	2.7
1958	2.7	2.3	2.4	2.4	1.7	1.8	1.7	2.1	1.4	2.8	2.8	2.1
1959	2.9	2.0	2.7	2.2	1.3	1.2	2.0	1.5	1.3	2.7	2.3	1.9
1960	2.1	3.4	2.6	2.6	1.4	1.7	2.8	1.6	2.0	2.3	2.0	2.3
1961	2.4	3.0	2.3	2.6	2.5	2.1	1.4	1.6	2.4	1.9	2.1	2.0
1962	2.3	1.5	2.9	2.9	1.6	1.9	1.2	1.3	1.5	1.6	3.0	2.7
1963	2.0	2.2	2.3	2.6	2.8	2.2	1.7	2.2	2.0	2.2	2.4	2.2
1964	3.1	2.7	2.2	2.1	1.9	1.3	2.2	1.4	2.1	2.1	2.4	2.3
1965	2.5	3.1	2.3	2.0	1.0	1.4	1.5	1.3	1.4	2.6	1.9	2.0
1966	3.0	2.1	2.2	2.0	1.8	3.2	2.0	2.1	2.5	2.0	2.5	2.4
1967	2.2	1.8	2.2	1.9	1.6	1.2	1.7	2.0	2.3	2.2	1.9	3.0
1968	2.7	2.2	2.7	2.1	2.7	1.0	0.8	0.8	1.3	1.7	2.8	3.4
1969	2.4	2.6	2.9	1.9	2.4	1.4	1.7	1.5	1.4	1.8	3.0	3.1
1970	2.0	3.6	2.3	2.8	1.6	2.0	1.5	1.5	1.8	2.1	2.6	2.9
1971	2.4	3.0	2.9	2.7	2.3	1.1	1.6	3.4	2.1	2.2	2.6	1.8
1972	2.2	3.6	2.7	1.9	2.3	2.0	1.3	1.5	1.9	2.9	2.8	2.4
1973	2.9	3.5	2.9	2.9	2.2	2.1	1.2	1.9	2.4	3.2	3.5	3.6
1974	2.2	2.9	2.7	2.5	2.0	1.6	1.2	1.2	2.0	1.7	1.7	3.5
1975	2.6	3.1	4.1	2.6	1.1	1.4	3.3	1.3	2.1	2.1	2.4	3.0

LARGEST HS(METRES) FOR STATION 61 = 4.1

STATION 62 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 31.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	365	897	463	417	568	1143	491	72	95	188	4699
0.50-0.99	.	317	941	416	114	591	421	69	159	203	3231
1.00-1.49	.	.	65	303	132	189	156	19	116	149	1129
1.50-1.99	.	.	.	14	88	146	78	20	29	39	414
2.00-2.49	15	89	50	13	59	14	186
2.50-2.99	9	24	6	39	1	55
3.00-3.49	1	.	.	.	14
3.50-3.99	5
4.00-4.49	1
4.50-4.99	0
5.00- GREATER	0
TOTAL	365	1214	1469	1150	917	2167	1221	208	418	603	
AVE HS(M) = 0.64 LARGEST HS(M) = 4.51 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 62

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	1.4	0.9	0.6	0.7	0.5	0.5	0.8	0.6	0.6	1.2	0.9	0.5	0.8
1957	0.4	0.8	0.6	0.5	0.4	0.6	0.4	0.5	0.6	0.7	0.7	0.8	0.6
1958	0.5	0.4	0.7	0.8	0.6	0.4	0.5	0.6	0.4	0.9	0.6	0.6	0.6
1959	0.6	0.5	0.6	0.7	0.4	0.3	0.5	0.5	0.4	0.8	0.7	0.5	0.5
1960	0.4	0.8	0.6	0.7	0.6	1.0	0.6	0.6	0.6	0.6	0.5	0.4	0.6
1961	0.5	0.8	0.6	0.7	0.6	0.6	0.7	0.5	0.8	0.8	0.6	0.5	0.6
1962	0.6	0.6	1.7	1.4	0.5	0.5	0.5	0.5	0.4	0.5	1.0	0.9	0.8
1963	0.5	0.6	0.7	0.4	0.6	0.5	0.4	0.3	0.9	0.6	0.6	0.4	0.5
1964	0.7	0.6	0.7	0.8	0.9	0.6	0.7	0.4	0.9	0.5	0.5	0.7	0.7
1965	0.6	0.7	0.5	0.5	0.5	0.6	0.5	0.4	0.6	0.6	0.5	0.4	0.5
1966	0.5	0.5	0.5	0.5	0.5	1.0	1.0	0.9	0.7	0.4	0.6	0.5	0.6
1967	0.5	0.7	0.9	0.5	0.6	0.4	0.6	0.7	1.0	0.7	0.4	0.7	0.6
1968	0.5	0.4	0.6	0.5	0.6	0.4	0.4	0.4	0.3	0.3	0.6	0.5	0.4
1969	0.8	1.2	1.1	0.8	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.6	0.7
1970	0.3	1.0	0.7	0.8	0.5	0.5	0.5	0.4	0.4	0.9	1.0	0.6	0.6
1971	0.5	0.8	0.6	0.6	0.7	0.4	0.6	0.6	0.7	1.1	0.6	0.6	0.6
1972	0.6	0.8	0.8	0.6	0.9	0.7	0.4	0.5	0.7	0.7	0.7	0.7	0.7
1973	0.6	1.2	1.0	0.7	0.7	0.6	0.4	0.3	0.4	0.6	0.5	1.1	0.7
1974	0.6	0.8	0.8	0.8	0.5	0.6	0.4	0.5	0.4	0.3	0.5	0.6	0.6
1975	0.8	0.7	0.7	0.5	0.3	0.4	1.5	1.3	1.1	1.0	0.8	1.0	0.9
MEAN	0.6	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 62

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	4.5	2.2	2.6	3.2	1.1	1.8	1.9	1.0	3.8	2.9	2.3	1.7	
1957	1.3	2.1	2.9	2.4	1.4	1.6	1.0	2.0	1.9	3.3	2.1	2.4	
1958	2.7	2.4	3.0	2.3	1.7	1.4	1.3	1.9	1.3	3.3	2.7	2.8	
1959	2.7	1.9	2.5	2.4	1.2	1.0	1.6	1.5	1.3	2.9	2.1	1.7	
1960	2.6	3.0	2.9	2.3	1.4	1.9	2.4	1.9	1.9	3.0	1.9	2.5	
1961	2.5	3.5	2.5	2.7	2.6	1.8	1.2	1.4	2.9	2.6	2.0	2.1	
1962	2.0	1.5	4.3	2.6	1.5	1.9	1.1	1.4	1.9	1.3	3.5	3.2	
1963	1.8	2.4	2.2	2.3	2.4	2.3	1.5	2.0	2.6	2.7	2.5	2.0	
1964	3.7	2.5	2.4	2.2	2.1	1.2	2.4	1.7	2.6	2.1	2.4	2.1	
1965	2.6	2.9	2.3	2.0	1.0	2.1	1.2	1.3	1.6	2.5	1.5	2.0	
1966	3.0	2.0	2.1	2.1	1.3	2.9	1.7	1.7	2.6	1.9	2.3	2.3	
1967	2.1	2.3	2.2	1.7	2.0	1.1	1.5	1.5	2.9	1.8	1.5	3.0	
1968	2.8	2.2	2.6	1.9	2.7	1.0	0.7	0.8	1.4	1.2	3.3	3.0	
1969	3.2	3.2	3.6	1.9	2.1	1.3	1.7	1.2	2.0	2.3	3.1	2.7	
1970	1.8	3.2	2.1	2.7	1.7	1.7	1.3	1.8	1.4	2.6	2.6	2.6	
1971	2.1	2.5	2.8	3.0	2.1	1.3	1.5	3.2	2.3	2.3	2.5	1.5	
1972	1.9	3.6	2.4	1.8	2.3	2.2	1.2	1.4	2.2	2.9	2.4	2.4	
1973	2.5	3.2	2.6	2.9	2.0	1.9	1.2	1.8	2.4	3.3	2.8	3.6	
1974	2.1	2.5	3.1	2.2	2.0	2.3	1.0	1.3	1.8	1.1	1.7	3.8	
1975	2.5	2.7	3.9	2.5	1.0	2.0	3.9	1.5	2.2	2.1	3.4	3.6	

LARGEST HS(METRES) FOR STATION 62 = 4.5

STATION 63 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	344	586	1290	65	371	974	794	302	711	344	4426
0.50-0.99	.	686	1218	668	124	769	1278	422	695	944	6177
1.00-1.49	.	.	.	58	103	199	573	92	273	700	2825
1.50-1.99	55	316	138	138	145	362	1350
2.00-2.49	56	104	46	60	110	204
2.50-2.99	7	39	28	26	88
3.00-3.49	1	12	17	30
3.50-3.99	7
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	344	1272	1508	791	812	2550	3035	1072	1952	2559	

AVERAGE HS(M) = 0.91 LARGEST HS(M) = 4.45 ANGLE CLASS % = 15.9

STATION 63 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	279	631	1294	480	431	1166	471	64	10	.	3060
0.50-0.99	.	442	1294	480	106	1006	563	112	10	.	4004
1.00-1.49	.	.	90	730	455	449	387	233	3	.	2137
1.50-1.99	.	.	.	23	202	531	257	21	1	.	1034
2.00-2.49	35	238	181	24	1	.	479
2.50-2.99	8	42	42	3	.	95
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	279	1073	1384	1233	1237	3398	1901	286	18	0	

AVERAGE HS(M) = 0.89 LARGEST HS(M) = 2.97 ANGLE CLASS % = 10.8

STATION 63 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	485	1532	1594	2531	849	49	.	.	.	.	7040
0.50-0.99	.	81	899	1228	156	17	.	.	.	.	2381
1.00-1.49	.	.	7	87	21	.	.	.	.	.	115
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	485	1613	2500	3846	1027	66	0	0	0	0	

AVERAGE HS(M) = 0.33 LARGEST HS(M) = 1.71 ANGLE CLASS % = 9.5

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ATLANTIC COAST HINDCAST SHALLOW-WATER SIGNIFICANT WAVE
INFORMATION(U) ARMY ENGINEER WATERWAYS EXPERIMENT

4/8

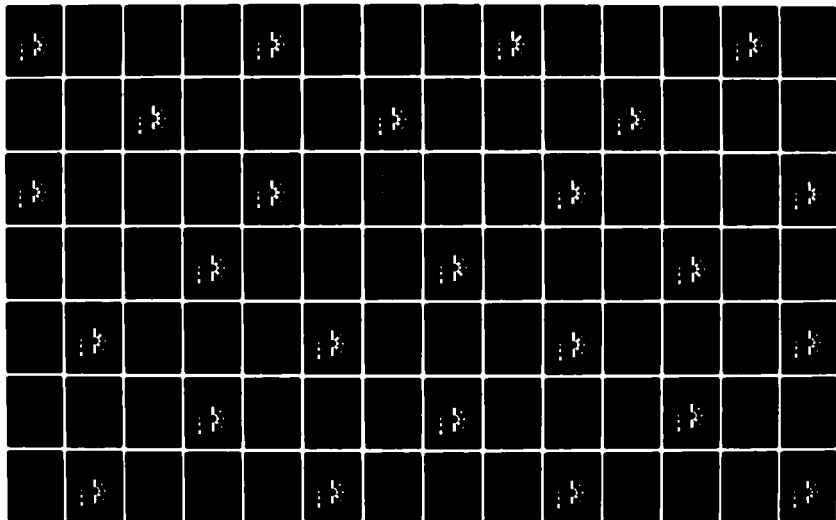
STATION VICKSBURG MS HYDRAULICS LAB R E JENSEN JAN 83

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MEAN HS(METRES) BY MONTH AND YEAR

STATION 63

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.3	0.9	0.6	0.7	0.5	0.5	0.8	0.6	0.6	1.1	0.9	0.5	0.8
1957	0.4	0.8	0.6	0.6	0.4	0.6	0.4	0.5	0.6	0.7	0.7	0.8	0.6
1958	0.5	0.4	0.7	0.8	0.6	0.4	0.5	0.6	0.4	0.9	0.6	0.6	0.6
1959	0.6	0.5	0.7	0.7	0.4	0.3	0.5	0.5	0.4	0.8	0.7	0.5	0.5
1960	0.4	0.8	0.6	0.8	0.6	1.0	0.6	0.6	0.6	0.6	0.5	0.4	0.6
1961	0.5	0.8	0.6	0.7	0.7	0.7	0.6	0.6	0.8	0.8	0.6	0.5	0.7
1962	0.7	0.6	1.6	1.4	0.5	0.5	0.5	0.5	0.4	0.5	1.0	0.9	0.8
1963	0.5	0.6	0.7	0.4	0.6	0.5	0.4	0.4	0.9	0.6	0.6	0.4	0.6
1964	0.8	0.6	0.7	0.8	0.9	0.6	0.7	0.5	0.9	0.5	0.5	0.8	0.7
1965	0.6	0.7	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.7	0.5	0.4	0.6
1966	0.5	0.5	0.6	0.5	0.5	1.0	1.1	1.0	0.7	0.4	0.6	0.5	0.7
1967	0.5	0.7	0.9	0.5	0.6	0.4	0.6	0.7	1.0	0.7	0.5	0.7	0.7
1968	0.4	0.4	0.6	0.5	0.6	0.4	0.4	0.4	0.3	0.3	0.6	0.5	0.5
1969	0.8	1.2	1.1	0.8	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7
1970	0.3	1.1	0.7	0.8	0.5	0.5	0.5	0.4	0.4	0.8	1.0	0.6	0.6
1971	0.5	0.8	0.6	0.6	0.7	0.4	0.6	0.6	0.7	1.1	0.7	0.6	0.6
1972	0.6	0.8	0.8	0.6	0.9	0.7	0.4	0.5	0.7	0.6	0.7	0.7	0.7
1973	0.6	1.1	1.0	0.7	0.7	0.6	0.4	0.3	0.4	0.6	0.6	1.1	0.7
1974	0.6	0.8	0.8	0.9	0.5	0.6	0.4	0.5	0.4	0.3	0.5	0.6	0.6
1975	0.8	0.7	0.7	0.5	0.3	0.4	1.5	1.3	1.1	1.0	0.8	1.0	0.9
MEAN	0.6	0.7	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 63

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.5	2.3	2.6	3.4	1.2	1.8	1.9	1.1	3.8	2.9	2.3	1.7
1957	1.3	2.1	2.7	2.4	1.4	1.6	1.1	2.0	1.9	3.3	2.1	2.6
1958	2.7	2.3	3.0	2.3	1.7	1.5	1.5	1.9	1.3	3.3	2.7	2.7
1959	2.7	1.9	2.5	2.3	1.2	1.0	1.7	1.5	1.3	2.8	2.1	1.7
1960	2.6	3.0	2.9	2.3	1.4	1.9	2.4	1.9	2.0	3.0	1.9	2.5
1961	2.4	3.4	2.5	2.7	2.6	1.8	1.2	1.5	2.9	2.5	2.0	2.1
1962	2.2	1.5	3.9	2.7	1.5	1.9	1.1	1.4	1.6	1.3	3.3	3.1
1963	1.9	2.3	2.2	2.4	2.4	2.3	1.6	2.0	2.5	2.6	2.5	1.9
1964	3.7	2.5	2.4	2.1	2.1	1.2	2.4	1.4	2.5	2.1	2.4	2.1
1965	2.6	2.9	2.3	2.0	1.0	1.9	1.4	1.3	1.6	2.5	1.5	2.0
1966	3.0	2.0	2.1	2.1	1.4	3.1	1.8	1.7	2.6	1.9	2.3	2.4
1967	2.1	2.0	2.0	1.7	2.0	1.1	1.5	1.8	2.8	1.8	1.5	3.0
1968	2.8	2.2	2.6	1.9	2.7	1.0	0.7	0.8	1.4	1.4	3.2	3.0
1969	3.1	3.2	3.5	1.9	2.1	1.3	1.7	1.2	1.8	2.1	3.1	2.9
1970	1.6	3.4	2.1	2.7	1.7	1.7	1.3	1.8	1.4	2.6	2.6	2.7
1971	2.1	2.7	2.8	3.0	2.1	1.3	1.5	3.2	2.3	2.3	2.5	1.5
1972	1.9	3.6	2.5	1.8	2.3	2.2	1.2	1.4	2.2	2.9	2.4	2.4
1973	2.7	3.2	2.6	2.9	2.0	1.9	1.2	1.8	2.4	3.3	3.1	3.6
1974	2.2	2.6	3.1	2.3	2.0	2.1	1.0	1.3	1.9	1.2	1.7	3.8
1975	2.5	2.7	3.9	2.5	1.0	2.0	3.7	1.5	2.2	2.1	3.1	3.6

LARGEST HS(METRES) FOR STATION 63 = 4.5

STATION 64 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 51.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	0
0.50-0.99	0
1.00-1.49	0
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0.

LARGEST HS(M) = 0.

ANGLE CLASS % = 0.

STATION 64 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 51.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1370	4218	3364	1764	2546	5225	219	.	.	.	18706
0.50-0.99	.	188	1947	1507	746	2609	621	10	3	.	7831
1.00-1.49	.	.	6	159	280	715	388	5	1	.	1554
1.50-1.99	35	97	133	3	.	.	268
2.00-2.49	3	1	17	.	.	.	21
2.50-2.99	1	.	.	.	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1370	4406	5317	3430	3610	8847	1379	18	4	0	0

AVERAGE HS(M) = 0.45

LARGEST HS(M) = 2.63

ANGLE CLASS % = 28.4

STATION 64 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 51.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	665	1305	.	.	1290	1509	1413	85	167	1321	7755
0.50-0.99	.	795	.	.	234	1398	2103	130	857	410	7900
1.00-1.49	.	.	1964	309	249	622	259	58	893	160	4228
1.50-1.99	.	.	143	744	277	571	356	34	58	17	3238
2.00-2.49	.	.	.	25	41	234	186	41	17	11	1530
2.50-2.99	17	66	49	11	1	144
3.00-3.49	5	15	13	1	34
3.50-3.99	3	11	1	15
4.00-4.49	1	.	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	665	2100	2107	1078	2091	4351	4388	415	1728	1922	0

AVERAGE HS(M) = 0.76

LARGEST HS(M) = 4.10

ANGLE CLASS % = 20.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 64

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	1.2	0.9	0.6	0.6	0.4	0.5	0.8	0.5	0.5	1.0	0.7	0.4	0.7
1957	0.3	0.7	0.5	0.5	0.4	0.5	0.4	0.4	0.6	0.6	0.6	0.7	0.5
1958	0.4	0.3	0.5	0.7	0.5	0.4	0.4	0.6	0.3	0.8	0.6	0.5	0.5
1959	0.5	0.4	0.6	0.6	0.3	0.2	0.5	0.4	0.4	0.6	0.6	0.4	0.5
1960	0.3	0.7	0.5	0.7	0.5	0.9	0.5	0.5	0.5	0.5	0.4	0.3	0.5
1961	0.3	0.7	0.6	0.7	0.6	0.7	0.6	0.5	0.6	0.6	0.5	0.4	0.6
1962	0.5	0.5	1.4	1.3	0.4	0.4	0.4	0.4	0.4	0.4	0.8	0.7	0.6
1963	0.4	0.5	0.6	0.4	0.5	0.5	0.3	0.3	0.7	0.5	0.5	0.3	0.5
1964	0.6	0.4	0.6	0.8	0.8	0.5	0.6	0.4	0.7	0.4	0.4	0.7	0.6
1965	0.4	0.6	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.6	0.4	0.3	0.5
1966	0.4	0.4	0.5	0.5	0.5	1.0	1.1	1.0	0.6	0.4	0.5	0.3	0.6
1967	0.4	0.6	0.9	0.4	0.5	0.3	0.6	0.7	0.8	0.6	0.4	0.6	0.6
1968	0.3	0.3	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.2	0.5	0.5	0.4
1969	0.7	1.0	0.9	0.7	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6
1970	0.2	1.1	0.6	0.7	0.5	0.4	0.5	0.3	0.4	0.8	0.8	0.5	0.6
1971	0.4	0.8	0.5	0.5	0.7	0.3	0.5	0.5	0.6	0.9	0.6	0.5	0.6
1972	0.6	0.6	0.8	0.5	0.8	0.6	0.4	0.5	0.5	0.6	0.6	0.6	0.6
1973	0.5	1.0	0.9	0.6	0.7	0.6	0.3	0.3	0.3	0.5	0.4	1.0	0.6
1974	0.6	0.6	0.7	0.8	0.4	0.5	0.4	0.4	0.3	0.2	0.4	0.5	0.5
1975	0.7	0.6	0.6	0.4	0.3	0.4	1.3	1.1	1.0	0.9	0.7	0.9	0.7
MEAN	0.5	0.6	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 64

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.7	2.1	2.5	3.5	1.0	1.8	1.9	1.0	3.1	2.5	2.3	1.7	
1957	1.2	1.8	2.5	2.4	1.3	1.5	0.9	1.8	1.9	2.9	2.1	2.6	
1958	2.7	2.3	2.4	2.4	1.7	1.4	1.1	1.9	1.4	2.8	2.8	2.2	
1959	2.8	1.9	2.6	2.0	1.2	0.9	1.6	1.5	1.3	2.7	2.1	1.6	
1960	2.1	3.3	2.6	2.5	1.4	1.8	2.4	1.6	2.0	2.3	1.6	2.3	
1961	2.2	3.2	2.3	2.6	2.5	1.8	1.2	1.4	2.4	2.1	2.1	2.0	
1962	1.9	1.5	3.5	2.6	1.5	1.9	1.1	1.4	1.4	1.3	3.0	2.7	
1963	1.9	2.1	2.2	2.4	2.5	2.2	1.5	2.0	2.2	2.4	2.4	1.8	
1964	3.1	2.5	1.9	1.9	1.9	1.1	2.2	1.3	2.2	2.1	2.4	2.1	
1965	2.5	3.0	2.3	1.9	1.0	1.7	1.3	1.3	1.4	2.5	1.1	2.0	
1966	2.9	2.1	2.0	2.0	1.4	3.2	1.8	1.6	2.5	1.8	2.4	2.4	
1967	2.1	1.7	2.0	1.6	1.5	1.0	1.5	1.3	2.3	1.8	1.5	2.9	
1968	2.7	2.2	2.6	2.0	2.7	1.0	0.7	0.6	1.3	1.2	3.0	3.4	
1969	2.6	2.6	3.2	1.9	2.2	1.2	1.7	1.1	1.6	1.8	3.0	3.0	
1970	1.5	3.5	2.1	2.7	1.6	1.7	1.3	1.5	1.4	2.2	2.6	2.7	
1971	2.1	2.8	2.9	2.7	2.1	1.1	1.5	3.4	2.1	2.2	2.5	1.6	
1972	1.9	3.6	2.6	1.8	2.3	2.0	1.2	1.4	1.8	2.9	2.6	2.3	
1973	2.6	3.4	2.7	2.9	2.0	1.8	1.2	1.8	2.4	3.2	3.3	3.6	
1974	2.2	2.5	2.6	2.4	2.0	1.9	0.9	1.0	1.8	0.9	1.4	3.5	
1975	2.5	2.8	4.1	2.5	0.9	1.4	3.3	1.3	2.1	2.1	2.8	3.0	

LARGEST HS(METRES) FOR STATION 64 = 4.1

MEAN HS(METRES) BY MONTH AND YEAR

STATION 65

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.6	1.2	0.9	0.4	0.6
1957	0.2	0.7	0.6	0.3	0.2	0.4	0.1	0.4	0.4	0.7	0.4	0.5	0.4
1958	0.4	0.3	0.7	0.6	0.4	0.2	0.2	0.3	0.3	0.9	0.5	0.5	0.4
1959	0.3	0.3	0.4	0.5	0.1	0.1	0.3	0.3	0.4	0.6	0.4	0.3	0.3
1960	0.2	0.5	0.4	0.4	0.4	1.0	0.5	0.4	0.5	0.6	0.4	0.2	0.5
1961	0.4	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.7	0.8	0.6	0.3	0.5
1962	0.4	0.5	1.8	1.4	0.4	0.3	0.2	0.4	0.4	0.4	0.9	0.7	0.6
1963	0.3	0.4	0.4	0.2	0.4	0.3	0.1	0.1	0.9	0.6	0.3	0.2	0.4
1964	0.5	0.4	0.4	0.5	0.9	0.6	0.5	0.3	0.9	0.4	0.2	0.4	0.5
1965	0.5	0.5	0.3	0.3	0.2	0.4	0.2	0.2	0.5	0.4	0.3	0.2	0.4
1966	0.4	0.3	0.3	0.4	0.3	0.5	0.4	0.4	0.5	0.3	0.4	0.4	0.4
1967	0.3	0.5	0.6	0.3	0.4	0.3	0.2	0.4	1.0	0.7	0.2	0.5	0.4
1968	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.4	0.3	0.3
1969	0.6	1.2	1.2	0.8	0.3	0.3	0.3	0.3	0.6	0.6	0.5	0.4	0.6
1970	0.2	0.5	0.5	0.6	0.4	0.3	0.2	0.2	0.2	0.8	1.0	0.4	0.4
1971	0.2	0.4	0.4	0.3	0.4	0.2	0.4	0.4	0.6	1.1	0.6	0.4	0.4
1972	0.3	0.6	0.5	0.3	0.7	0.5	0.2	0.3	0.6	0.5	0.5	0.5	0.5
1973	0.3	1.1	0.9	0.4	0.4	0.4	0.2	0.2	0.3	0.5	0.2	0.7	0.5
1974	0.3	0.6	0.5	0.3	0.3	0.4	0.2	0.4	0.3	0.2	0.3	0.5	0.4
1975	0.7	0.5	0.5	0.3	0.3	0.3	1.7	1.4	1.2	1.0	0.7	1.0	0.8
MEAN	0.4	0.5	0.6	0.5	0.4	0.4	0.3	0.4	0.5	0.6	0.5	0.4	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 65

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	5.0	2.1	2.6	2.5	0.9	1.7	1.7	1.1	4.1	3.1	2.2	1.4
1957	1.3	2.3	3.2	2.0	1.4	1.2	1.0	2.1	1.8	3.6	2.2	1.9
1958	2.6	2.3	3.5	2.1	1.4	1.0	0.8	1.3	0.9	3.4	2.6	3.4
1959	1.8	2.0	2.1	2.4	0.7	1.0	1.3	1.5	1.2	3.0	1.3	1.4
1960	2.9	3.4	2.9	1.9	1.2	2.1	2.0	1.9	1.7	3.4	2.1	2.7
1961	2.9	3.8	2.7	2.6	2.6	1.1	1.0	1.2	3.2	2.9	2.0	2.0
1962	1.8	1.9	4.7	2.5	1.4	1.9	1.0	1.6	2.0	1.3	3.8	3.6
1963	1.5	2.4	1.6	1.8	1.5	2.2	0.7	1.2	2.8	2.8	2.6	2.0
1964	4.0	2.4	2.7	2.4	2.2	0.9	2.6	1.6	3.0	2.1	2.2	1.5
1965	3.0	2.4	2.3	1.3	0.9	2.1	0.9	1.0	1.7	2.3	1.6	2.0
1966	2.7	2.1	2.1	2.1	0.9	2.4	0.9	1.2	2.7	1.6	1.7	2.3
1967	1.6	2.5	2.6	1.2	2.4	1.1	0.9	1.4	3.2	1.5	1.4	3.0
1968	2.8	1.7	2.6	2.0	2.7	1.0	0.6	0.7	1.4	1.0	3.4	1.9
1969	3.5	3.5	3.8	1.5	1.2	0.8	1.3	0.8	2.1	2.3	3.1	2.7
1970	2.0	2.0	2.1	2.6	1.7	1.3	0.9	1.9	1.1	2.8	2.8	2.3
1971	2.3	2.1	2.3	3.1	2.1	1.4	1.4	2.6	2.3	2.6	2.5	1.6
1972	1.4	3.3	2.4	1.7	2.5	2.3	0.9	1.2	2.5	2.8	2.3	2.4
1973	2.3	2.9	2.4	2.6	2.1	1.8	0.6	1.2	2.4	3.2	1.2	3.6
1974	2.0	2.2	3.4	1.8	1.8	2.3	0.4	1.5	1.3	1.0	2.1	3.8
1975	3.0	2.7	3.1	2.1	1.0	2.3	4.4	1.6	2.1	2.0	3.6	3.9

LARGEST HS(METRES) FOR STATION 65 = 5.0

STATION 66 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 357.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0	- 0.49	1629	4892	4561	2568	1507	1367	200	17	6	1	16748	
0.50	- 0.99	.	296	2044	1358	564	463	42	11	3	13	4791	
1.00	- 1.49	.	.	15	102	85	11	.	1	.	5	222	
1.50	- 1.99	.	.	.	.	3	.	.	.	.	.	3
2.00	- 2.49	.	.	.	.	.	.	.	.	.	.	0
2.50	- 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00	- 3.49	.	.	.	.	.	.	.	.	.	.	0
3.50	- 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		1629	5188	6620	4028	2159	1841	242	29	9	19	0	
AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.77 ANGLE CLASS % = 21.8													

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.77 ANGLE CLASS % = 21.8

STATION 66 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 357.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0	- 0.49	616	1129	1728	261	2623	5843	2659	229	227	222	13548	
0.50	- 0.99	.	778	164	638	78	1040	313	18	116	87	4419	
1.00	- 1.49	.	.	.	27	386	347	90	15	1	8	1649	
1.50	- 1.99	.	.	.	.	157	165	54	5	.	.	408
2.00	- 2.49	.	.	.	.	25	78	23	5	3	.	134
2.50	- 2.99	.	.	.	.	.	15	13	.	.	.	33
3.00	- 3.49	.	.	.	.	.	.	1	.	.	.	10
3.50	- 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		616	1907	1892	926	3269	7488	3153	277	347	317	0	
AVERAGE HS(M) = 0.48 LARGEST HS(M) = 3.02 ANGLE CLASS % = 20.2													

AVERAGE HS(M) = 0.48 LARGEST HS(M) = 3.02 ANGLE CLASS % = 20.2

STATION 66 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 357.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0	-	0.49	319	462	1040	97	684	586	1285	236	521	1649	5742
0.5	-	0.99	.	480	.	54	54	971	797	715	833	3778	8765
1.0	-	1.49	.	.	136	568	111	260	282	200	400	867	2824
1.5	-	1.99	.	.	58	177	164	68	68	15	126	219	805
2.0	-	2.49	.	.	.	53	256	78	11	10	65	104	400
2.5	-	2.99	.	.	.	.	37	61	11	10	14	17	100
3.0	-	3.49	.	.	.	.	.	.	.	.	8	.	100
3.5	-	3.99	.	.	.	.	.	.	.	.	.	.	100
4.0	-	4.49	.	.	.	.	.	.	.	.	.	.	100
4.5	-	4.99	.	.	.	.	.	.	.	.	.	.	100
5.0	-	GREATER	.	.	.	.	.	.	.	.	.	5	100
TOTAL			319	942	1176	723	1079	2274	2582	1182	1977	6639	0
AVERAGE HS(M) = 0.78 LARGEST HS(M) = 4.84 ANGLE CLASS % = 18.9													

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 4.84 ANGLE CLASS % = 18.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 66

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.3	1.0	0.5	0.5	0.4	0.4	0.5	0.4	0.7	1.3	0.9	0.4	0.7
1957	0.3	0.7	0.7	0.3	0.3	0.6	0.3	0.4	0.5	0.9	0.5	0.5	0.5
1958	0.3	0.2	0.7	0.7	0.5	0.3	0.3	0.5	0.4	1.3	1.2	1.0	0.6
1959	0.8	0.8	0.8	0.8	0.2	0.2	0.4	0.4	0.5	0.6	0.6	0.4	0.5
1960	0.3	0.6	0.5	0.4	0.6	0.9	0.5	0.5	0.6	0.5	0.4	0.2	0.5
1961	0.4	0.7	0.5	0.3	0.5	0.5	0.3	0.4	0.9	0.7	0.3	0.2	0.5
1962	0.5	0.6	0.7	0.5	0.4	0.4	0.4	0.4	0.4	0.5	1.0	0.8	0.6
1963	0.4	0.6	0.4	0.3	0.5	0.5	0.2	0.2	0.8	0.6	0.3	0.3	0.4
1964	0.5	0.4	0.4	0.6	0.5	0.3	0.5	0.4	0.9	0.5	0.3	0.4	0.5
1965	0.5	0.5	0.4	0.4	0.4	0.5	0.3	0.3	0.5	0.6	0.4	0.2	0.4
1966	0.5	0.3	0.4	0.4	0.3	0.6	0.5	0.3	0.7	0.4	0.5	0.5	0.5
1967	0.3	0.5	0.6	0.3	0.4	0.4	0.3	0.5	1.0	0.7	0.2	0.6	0.5
1968	0.5	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.3
1969	0.6	0.8	0.8	0.6	0.3	0.4	0.3	0.4	0.8	0.8	0.5	0.4	0.6
1970	0.2	0.7	0.5	0.7	0.5	0.5	0.3	0.3	0.3	0.9	1.2	0.4	0.5
1971	0.3	0.5	0.4	0.3	0.4	0.4	0.5	0.5	0.7	1.1	0.6	0.5	0.5
1972	0.3	0.7	0.5	0.3	1.0	0.6	0.3	0.4	0.7	0.7	0.6	0.6	0.5
1973	0.4	0.8	0.7	0.4	0.5	0.5	0.5	0.3	0.3	0.6	0.2	0.7	0.5
1974	0.4	0.5	0.5	0.3	0.4	0.5	0.2	0.3	0.3	0.2	0.3	0.4	0.4
1975	0.6	0.5	0.5	0.3	0.3	0.3	0.9	0.9	0.8	0.9	0.8	0.8	0.6
MEAN	0.5	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.6	0.7	0.6	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

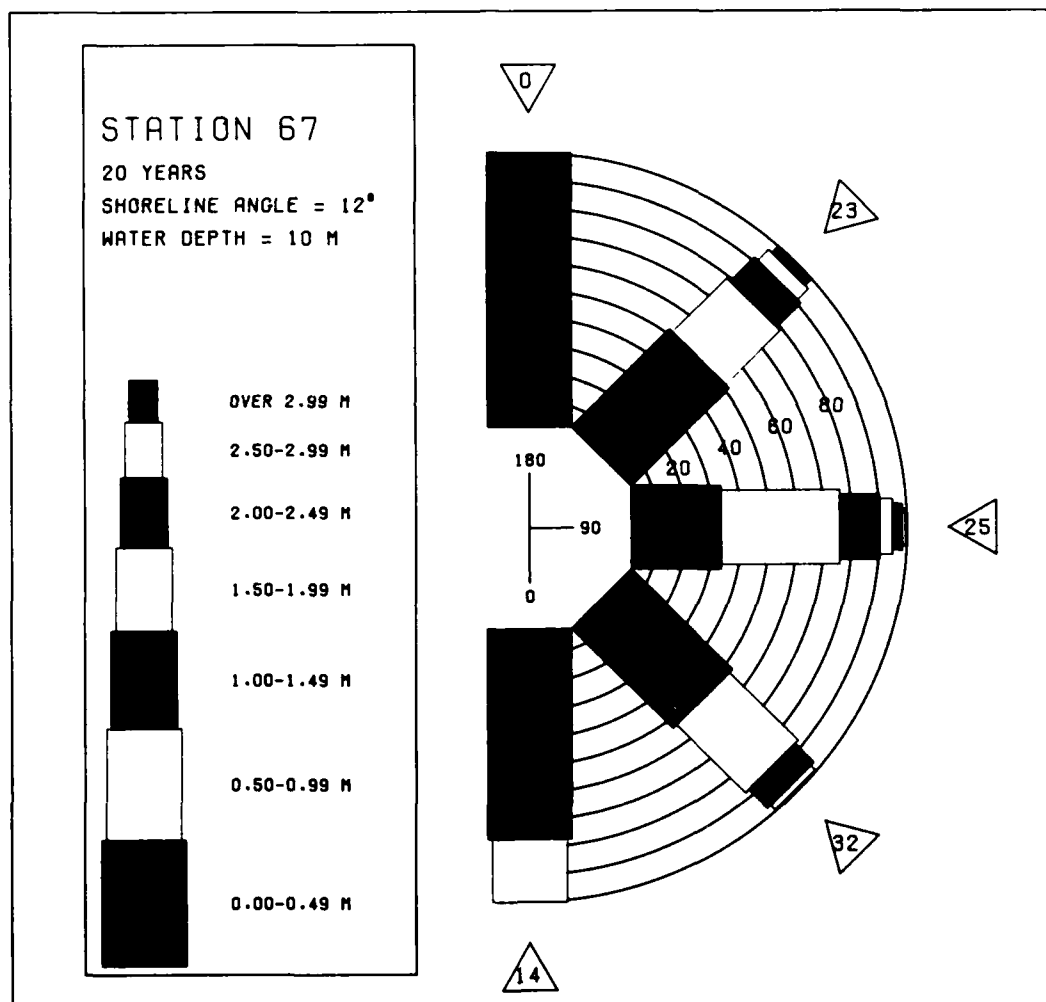
STATION 66

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	5.1	2.2	2.3	2.8	2.1	2.1	1.5	1.6	4.7	3.7	2.5	1.0
1957	1.3	2.5	2.8	1.9	1.4	1.7	1.2	2.2	1.9	4.0	2.0	2.1
1958	2.4	2.2	2.9	2.2	1.4	1.0	0.9	1.6	1.5	4.0	2.7	2.7
1959	1.7	1.7	2.4	2.3	1.1	0.9	1.2	1.5	1.3	2.6	1.9	2.1
1960	3.3	3.8	2.6	2.1	1.3	2.0	1.4	2.1	1.9	2.4	2.1	2.8
1961	2.7	3.3	2.5	2.5	2.3	1.3	0.7	1.3	3.7	2.2	2.0	2.0
1962	2.2	2.2	4.3	2.1	1.5	2.2	1.8	1.4	1.9	2.0	4.4	3.4
1963	1.2	2.9	2.2	2.5	1.5	2.3	1.0	0.9	2.6	3.0	2.7	2.2
1964	3.4	2.5	2.6	2.0	2.1	1.0	2.4	1.8	2.8	2.1	1.8	1.5
1965	3.1	2.1	1.8	1.2	1.0	2.6	1.1	1.0	1.8	2.3	1.8	1.4
1966	2.5	1.6	1.6	2.4	0.9	2.8	2.0	1.3	2.6	1.8	1.9	2.5
1967	1.6	2.3	2.5	1.8	2.4	1.4	1.0	1.5	2.7	1.6	1.5	3.2
1968	2.9	2.4	2.1	1.9	2.3	0.7	0.6	0.9	1.2	1.1	2.6	1.7
1969	3.6	2.6	3.7	1.5	1.3	1.0	1.2	1.1	2.4	2.6	3.0	2.3
1970	2.0	2.3	2.0	2.5	1.7	2.2	1.1	2.1	0.9	3.3	2.7	2.2
1971	2.2	2.3	2.4	2.6	2.3	1.2	2.0	2.7	2.8	2.7	2.1	2.0
1972	1.4	3.0	2.0	1.4	3.2	2.4	1.0	1.5	2.6	2.5	2.2	2.5
1973	2.5	2.7	2.7	2.7	2.1	1.9	0.9	1.0	2.0	2.9	1.4	3.8
1974	1.9	2.2	3.7	1.5	1.8	2.1	0.7	1.6	1.3	1.8	1.8	3.5
1975	3.4	2.4	3.1	2.0	1.1	2.0	3.6	1.0	1.5	2.0	3.6	3.1

LARGEST HS(METRES) FOR STATION 66 = 5.1

STATION 67 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 12.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	319	809	526	449	747	1208	429	48	71	176	4782
0.50-0.99	..	274	856	346	165	641	328	77	113	378	3138
1.00-1.49	60	273	133	216	106	25	47	97	957
1.50-1.99	14	84	132	47	4	17	23	321
2.00-2.49	16	85	21	7	9	12	176
2.50-2.99	10	3	5	..	..	143
3.00-3.49	43
3.50-3.99	14
4.00-4.49	3
4.50-4.99
5.00- GREATER
TOTAL	319	1083	1442	1082	1145	2289	980	175	270	691	58440
AVE HS(M) = 0.59 LARGEST HS(M) = 5.04 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 67

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.3	1.1	0.7	0.6	0.5	0.5	0.7	0.5	0.7	1.3	0.9	0.5	0.8
1957	0.4	0.8	0.7	0.4	0.4	0.6	0.4	0.5	0.6	0.9	0.7	0.7	0.6
1958	0.4	0.3	0.7	0.8	0.5	0.4	0.4	0.6	0.5	1.3	1.2	1.0	0.7
1959	0.8	0.9	0.9	0.9	0.3	0.3	0.5	0.5	0.5	0.7	0.7	0.5	0.6
1960	0.4	0.7	0.6	0.6	0.7	0.9	0.5	0.6	0.7	0.6	0.5	0.3	0.6
1961	0.4	0.8	0.6	0.5	0.6	0.6	0.4	0.5	0.9	0.7	0.3	0.3	0.6
1962	0.6	0.7	0.8	0.6	0.4	0.5	0.5	0.5	0.4	0.5	1.0	0.9	0.6
1963	0.5	0.7	0.5	0.4	0.6	0.6	0.3	0.3	0.8	0.6	0.4	0.3	0.5
1964	0.6	0.5	0.6	0.8	0.6	0.4	0.6	0.5	0.9	0.6	0.4	0.6	0.6
1965	0.6	0.6	0.5	0.5	0.5	0.6	0.5	0.4	0.5	0.6	0.4	0.3	0.5
1966	0.5	0.4	0.5	0.5	0.4	0.6	0.6	0.5	0.7	0.5	0.6	0.5	0.5
1967	0.4	0.6	0.7	0.4	0.5	0.5	0.5	0.6	1.0	0.8	0.3	0.7	0.6
1968	0.5	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1969	0.7	0.8	0.8	0.7	0.4	0.4	0.4	0.5	0.8	0.8	0.6	0.5	0.6
1970	0.3	0.9	0.6	0.8	0.6	0.6	0.4	0.4	0.4	0.9	1.2	0.5	0.6
1971	0.4	0.6	0.5	0.4	0.6	0.4	0.6	0.6	0.8	1.2	0.6	0.6	0.6
1972	0.5	0.8	0.6	0.5	1.0	0.7	0.4	0.5	0.7	0.8	0.6	0.7	0.7
1973	0.5	0.9	0.8	0.6	0.6	0.6	0.5	0.4	0.4	0.6	0.3	0.9	0.6
1974	0.5	0.6	0.7	0.6	0.5	0.5	0.2	0.3	0.4	0.3	0.3	0.5	0.5
1975	0.7	0.5	0.7	0.4	0.3	0.3	1.0	0.8	0.8	0.9	0.9	0.9	0.7
MEAN	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 67

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	5.0	2.2	2.3	2.7	2.0	2.1	1.5	1.6	4.6	3.6	2.3	1.1	
1957	1.4	2.5	2.7	2.0	1.6	1.8	1.2	2.2	1.9	3.9	1.9	2.2	
1958	2.5	2.2	2.8	2.2	1.6	1.1	0.9	1.6	1.5	4.0	2.8	2.7	
1959	2.0	1.7	2.7	2.2	1.2	0.9	1.3	1.6	1.4	2.6	1.9	2.0	
1960	3.0	3.5	2.5	2.1	1.4	2.0	1.6	2.1	1.9	2.5	1.9	2.8	
1961	2.5	3.5	2.5	2.5	2.3	1.6	0.9	1.2	3.5	2.3	2.0	2.0	
1962	2.1	2.0	4.1	2.1	1.6	2.2	1.7	1.4	1.9	2.1	4.3	3.0	
1963	1.3	2.9	2.2	2.5	1.9	2.3	1.0	1.3	2.6	2.9	2.7	2.2	
1964	2.9	2.4	2.3	1.9	2.1	1.2	2.4	1.8	2.8	2.1	2.0	1.6	
1965	2.8	2.1	1.8	1.2	1.1	2.6	1.1	1.2	1.8	2.3	1.8	1.6	
1966	2.5	1.7	1.8	2.4	1.3	2.9	1.9	1.5	2.6	2.0	2.0	2.4	
1967	1.6	2.2	2.3	1.9	2.5	1.4	1.3	1.6	2.6	1.6	1.5	3.2	
1968	2.9	2.5	2.1	2.1	2.3	0.8	0.7	1.0	1.2	1.3	2.6	2.2	
1969	3.5	2.6	3.6	1.7	1.3	1.2	1.4	1.4	2.3	2.5	3.0	2.4	
1970	2.0	2.7	2.0	2.4	1.7	2.2	1.1	2.1	1.0	3.1	2.6	2.3	
1971	2.3	2.6	2.3	2.6	2.3	1.2	1.9	3.0	2.8	2.7	2.2	1.9	
1972	1.8	3.0	2.2	1.5	3.2	2.5	1.3	1.5	2.4	2.4	2.3	2.5	
1973	2.5	2.7	2.4	2.7	2.0	1.9	1.0	1.1	2.1	3.1	1.6	3.8	
1974	1.8	2.4	3.5	1.9	2.0	2.0	0.7	1.5	1.5	1.9	1.7	3.6	
1975	3.2	2.4	3.1	1.8	1.1	2.2	3.2	1.0	1.5	1.9	3.4	3.0	

LARGEST HS(METRES) FOR STATION 67 = 5.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 68

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.3	1.1	0.7	0.7	0.5	0.6	0.8	0.6	0.7	1.3	1.0	0.5	0.8
1957	0.4	0.8	0.7	0.5	0.5	0.6	0.5	0.6	0.6	0.9	0.7	0.8	0.6
1958	0.5	0.4	0.7	0.8	0.6	0.5	0.5	0.7	0.5	1.3	1.2	1.0	0.7
1959	0.9	0.9	0.9	0.9	0.4	0.3	0.5	0.5	0.5	0.8	0.7	0.5	0.7
1960	0.5	0.8	0.6	0.8	0.7	0.9	0.5	0.6	0.7	0.6	0.5	0.4	0.6
1961	0.4	0.8	0.6	0.7	0.6	0.7	0.5	0.6	0.9	0.7	0.4	0.5	0.6
1962	0.7	0.7	0.8	0.7	0.5	0.5	0.6	0.6	0.4	0.5	1.1	0.9	0.7
1963	0.6	0.7	0.7	0.5	0.6	0.7	0.4	0.4	0.8	0.6	0.5	0.4	0.6
1964	0.7	0.5	0.7	0.9	0.6	0.5	0.7	0.5	0.8	0.6	0.5	0.7	0.6
1965	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.7	0.5	0.3	0.6
1966	0.5	0.5	0.6	0.5	0.5	0.7	0.6	0.6	0.8	0.5	0.6	0.5	0.6
1967	0.5	0.7	0.9	0.5	0.6	0.5	0.6	0.7	1.0	0.8	0.4	0.8	0.7
1968	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.5	0.5	0.4
1969	0.7	0.8	0.8	0.7	0.5	0.5	0.4	0.6	0.8	0.8	0.6	0.6	0.7
1970	0.3	1.1	0.7	0.8	0.6	0.6	0.5	0.5	0.5	0.9	1.1	0.6	0.7
1971	0.5	0.8	0.6	0.5	0.7	0.5	0.7	0.7	0.8	1.2	0.7	0.7	0.7
1972	0.6	0.8	0.7	0.6	1.1	0.8	0.5	0.6	0.7	0.8	0.7	0.7	0.7
1973	0.6	0.9	0.9	0.7	0.7	0.7	0.6	0.4	0.4	0.6	0.5	1.1	0.7
1974	0.6	0.7	0.8	0.7	0.5	0.6	0.3	0.3	0.4	0.3	0.4	0.6	0.5
1975	0.7	0.6	0.7	0.5	0.3	0.4	1.0	0.8	0.8	0.9	0.9	0.9	0.7
MEAN	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.8	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 68

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.7	2.2	2.4	2.6	2.0	2.1	1.6	1.2	4.3	3.4	2.2	1.3
1957	1.2	2.4	2.6	2.2	1.7	1.6	1.1	2.1	1.9	3.8	2.1	2.4
1958	2.6	2.3	2.7	2.2	1.8	1.3	1.2	1.9	1.5	4.0	2.8	2.5
1959	2.4	1.7	2.7	2.1	1.6	0.9	1.4	1.6	1.4	2.5	1.9	2.0
1960	2.9	3.3	2.4	2.3	1.5	1.9	1.8	2.0	2.0	2.1	1.9	2.7
1961	2.2	3.5	2.4	2.5	2.3	1.7	1.0	1.5	3.3	2.1	2.0	2.0
1962	2.0	1.7	3.4	2.5	1.8	2.2	1.7	1.4	1.7	1.9	4.0	3.0
1963	1.5	2.8	2.3	2.5	2.1	2.3	1.0	1.6	2.4	2.7	2.7	2.2
1964	2.8	2.5	2.2	1.8	2.0	1.2	2.3	1.7	2.6	2.0	1.8	2.0
1965	2.7	2.2	1.8	1.5	1.1	2.5	1.2	1.3	1.7	2.3	1.7	1.7
1966	2.7	2.3	1.8	2.3	1.4	2.8	1.8	1.6	2.6	1.9	2.0	2.4
1967	1.8	2.2	2.0	1.8	2.1	1.4	1.5	1.6	2.6	1.6	1.5	3.1
1968	2.9	2.3	2.5	2.1	2.2	0.9	0.7	1.0	1.2	1.3	2.5	2.5
1969	3.1	2.4	3.4	1.8	1.7	1.3	1.5	1.6	2.2	2.2	3.0	2.6
1970	1.8	3.3	2.0	2.4	2.0	2.2	1.3	1.9	1.3	2.9	2.5	2.4
1971	2.5	2.8	2.3	2.6	2.2	1.1	1.9	3.1	2.6	2.5	2.4	1.8
1972	2.0	3.1	2.4	1.5	3.1	2.5	1.5	1.6	2.3	2.4	2.3	2.5
1973	2.6	2.9	2.3	2.7	1.9	1.9	1.2	1.4	2.2	3.1	2.3	3.7
1974	1.8	2.8	3.3	2.3	2.1	2.0	0.7	1.2	1.4	1.6	1.3	3.6
1975	3.1	2.4	3.1	1.7	1.1	1.9	3.0	0.9	1.5	2.0	3.2	2.8

LARGEST HS(METRES) FOR STATION 68 = 4.7

MEAN HS(METRES) BY MONTH AND YEAR

STATION 69

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.3	1.1	0.7	0.7	0.5	0.6	0.8	0.6	0.7	1.3	1.0	0.5	0.8
1957	0.4	0.8	0.7	0.5	0.5	0.6	0.5	0.6	0.6	0.9	0.7	0.8	0.6
1958	0.5	0.4	0.7	0.8	0.6	0.4	0.5	0.7	0.5	1.3	1.2	1.0	0.7
1959	0.9	0.9	0.9	0.9	0.4	0.3	0.5	0.5	0.5	0.8	0.7	0.5	0.7
1960	0.5	0.8	0.6	0.8	0.7	0.9	0.5	0.6	0.7	0.6	0.5	0.4	0.6
1961	0.4	0.9	0.6	0.7	0.6	0.7	0.5	0.6	0.9	0.7	0.4	0.5	0.6
1962	0.7	0.7	0.8	0.7	0.5	0.5	0.6	0.6	0.4	0.5	1.1	0.9	0.7
1963	0.6	0.7	0.7	0.5	0.6	0.7	0.4	0.4	0.8	0.6	0.5	0.4	0.6
1964	0.7	0.5	0.7	0.9	0.6	0.5	0.7	0.5	0.8	0.6	0.5	0.7	0.6
1965	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.7	0.5	0.3	0.6
1966	0.6	0.5	0.6	0.5	0.5	0.7	0.6	0.6	0.8	0.5	0.6	0.5	0.6
1967	0.5	0.7	0.9	0.5	0.6	0.5	0.6	0.7	1.0	0.8	0.4	0.8	0.7
1968	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.5	0.5	0.4
1969	0.7	0.8	0.8	0.7	0.5	0.5	0.4	0.6	0.8	0.8	0.6	0.6	0.7
1970	0.3	1.1	0.7	0.8	0.6	0.6	0.5	0.5	0.5	0.9	1.1	0.6	0.7
1971	0.5	0.8	0.6	0.5	0.7	0.5	0.7	0.7	0.8	1.2	0.7	0.7	0.7
1972	0.6	0.8	0.7	0.6	1.1	0.8	0.5	0.6	0.7	0.8	0.7	0.7	0.7
1973	0.6	0.9	0.9	0.7	0.7	0.7	0.6	0.4	0.4	0.6	0.5	1.1	0.7
1974	0.6	0.7	0.8	0.7	0.5	0.6	0.3	0.3	0.4	0.3	0.4	0.6	0.5
1975	0.7	0.6	0.7	0.5	0.3	0.4	1.0	0.8	0.8	0.9	0.9	0.9	0.7
MEAN	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.8	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 69

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.9	2.2	2.4	2.6	2.0	2.1	1.6	1.3	4.3	3.5	2.2	1.3
1957	1.3	2.4	2.6	2.2	1.7	1.6	1.2	2.1	1.9	3.8	2.1	2.4
1958	2.6	2.3	2.7	2.2	1.8	1.3	1.2	1.9	1.5	4.0	2.8	2.5
1959	2.4	1.7	2.7	2.1	1.6	0.9	1.4	1.6	1.4	2.5	1.9	2.0
1960	2.9	3.3	2.4	2.3	1.5	1.9	1.8	2.0	2.0	2.1	1.9	2.7
1961	2.2	3.5	2.4	2.5	2.3	1.7	1.0	1.5	3.3	2.1	2.0	2.0
1962	2.0	1.8	3.4	2.5	1.8	2.2	1.7	1.4	1.7	1.9	4.1	3.0
1963	1.5	2.8	2.3	2.5	2.1	2.3	1.0	1.6	2.4	2.7	2.7	2.2
1964	2.8	2.5	2.2	1.8	2.0	1.2	2.3	1.7	2.6	2.0	1.8	2.0
1965	2.7	2.2	1.8	1.5	1.1	2.5	1.2	1.3	1.7	2.3	1.7	1.7
1966	2.7	2.3	1.8	2.3	1.4	2.8	1.8	1.6	2.6	1.8	2.0	2.4
1967	1.8	2.2	2.0	1.8	2.1	1.4	1.5	1.6	2.6	1.6	1.5	3.1
1968	2.9	2.3	2.5	2.1	2.2	0.9	0.7	1.0	1.2	1.3	2.5	2.5
1969	3.2	2.4	3.4	1.8	1.7	1.3	1.5	1.6	2.2	2.2	3.0	2.6
1970	1.8	3.3	2.0	2.4	2.0	2.2	1.3	1.9	1.3	2.9	2.5	2.4
1971	2.5	2.8	2.3	2.6	2.2	1.1	1.9	3.1	2.7	2.5	2.4	1.8
1972	2.0	3.1	2.4	1.5	3.1	2.5	1.5	1.6	2.3	2.4	2.3	2.5
1973	2.6	2.9	2.3	2.7	1.9	1.9	1.1	1.4	2.2	3.1	2.3	3.7
1974	1.8	2.8	3.3	2.3	2.1	2.0	0.7	1.2	1.4	1.6	1.3	3.6
1975	3.1	2.4	3.1	1.7	1.1	1.9	3.0	0.9	1.5	2.0	3.2	2.8

LARGEST HS(METRES) FOR STATION 69 = 4.9

STATION 70 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1055	3400	2275	1297	381	195	8	.	.	.	8611
0.50-0.99	.	614	3403	2104	497	172	8	.	.	.	6798
1.00-1.49	.	.	41	284	164	18	.	.	.	.	507
1.50-1.99	6	.	.	.	.	.	6
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1055	4014	5719	3685	1048	385	16	0	0	0	

AVERAGE HS(M) = 0.48 LARGEST HS(M) = 1.85 ANGLE CLASS % = 15.9

STATION 70 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	592	1043	.	.	2972	5513	1420	145	83	3	11771
0.50-0.99	.	1153	2544	588	347	4144	1261	71	59	.	10187
1.00-1.49	.	.	229	1165	308	1459	121	18	37	.	4387
1.50-1.99	.	.	.	46	313	682	379	17	3	.	1440
2.00-2.49	58	205	145	41	3	.	452
2.50-2.99	13	27	18	1	1	.	59
3.00-3.49	1	.	3	.	4
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	592	2196	2773	1799	4398	12036	4004	310	189	3	

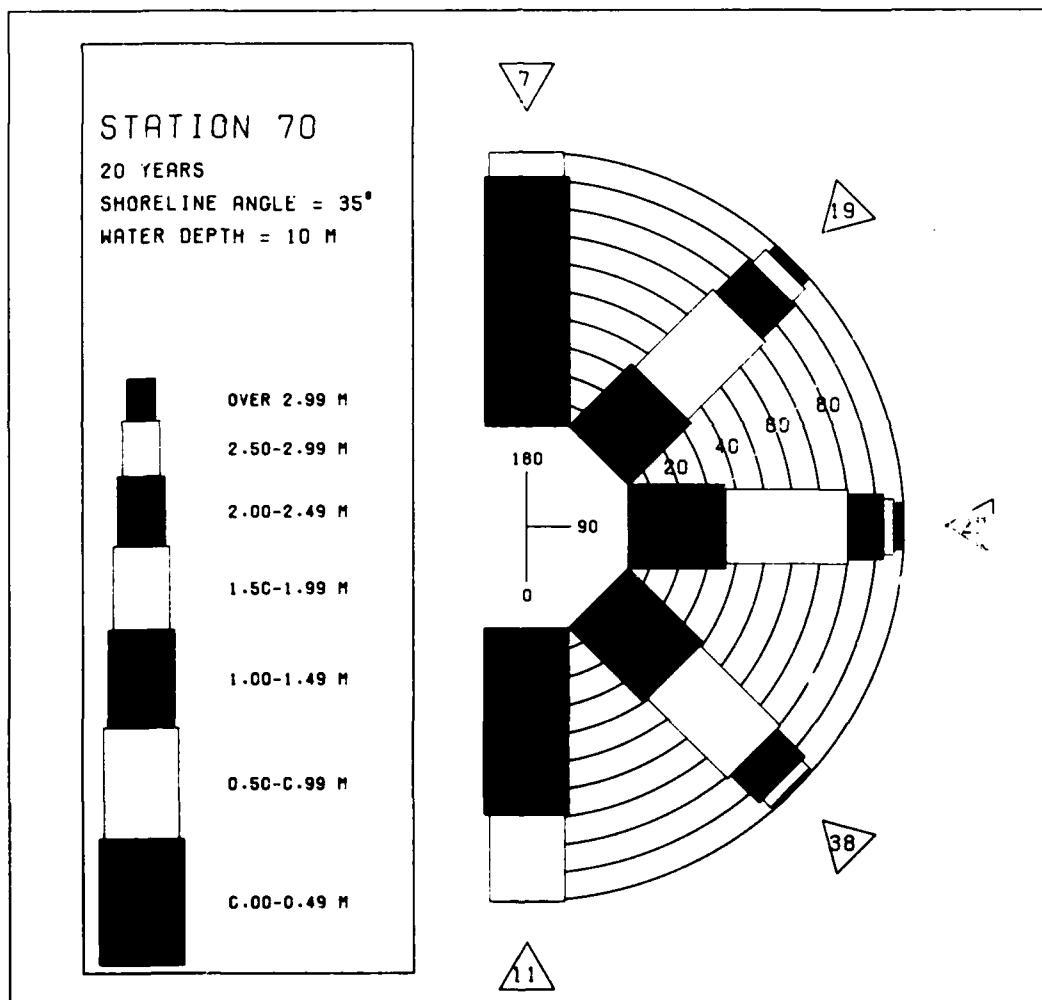
AVERAGE HS(M) = 0.70 LARGEST HS(M) = 3.29 ANGLE CLASS % = 28.3

STATION 70 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 35.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	340	528	1038	34	766	2173	1271	145	83	997	6303
0.50-0.99	.	679	172	477	44	1035	1380	65	220	292	4787
1.00-1.49	.	.	.	47	90	99	121	.	155	68	1182
1.50-1.99	165	183	16	.	155	59	314
2.00-2.49	29	54	13	.	10	3	178
2.50-2.99	11	.	.	.	27
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	340	1207	1210	558	1094	3486	2832	223	491	1427	

AVERAGE HS(M) = 0.63 LARGEST HS(M) = 3.65 ANGLE CLASS % = 12.9

STATION 70 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 35.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.0- LONGER	
0.0-0.49	306	738	400	329	698	1111	401	50	63	159	4255
0.50-0.99	.	376	1055	409	162	770	401	84	114	383	3754
1.00-1.49	.	.	81	338	163	259	143	20	57	24	1149
1.50-1.99	.	.	.	18	91	143	72	10	17	11	375
2.00-2.49	17	77	15	10	8	1	165
2.50-2.99	8	1	2	3	1	34
3.00-3.49	7
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	306	1114	1536	1094	1131	2368	1075	181	268	669	
AVE HS(M) = 0.64 LARGEST HS(M) = 4.66 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 70

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.2	1.1	0.7	0.7	0.5	0.6	0.9	0.7	0.7	1.2	0.9	0.6	0.8
1957	0.4	0.8	0.7	0.6	0.5	0.7	0.5	0.6	0.6	0.9	0.8	0.8	0.6
1958	0.5	0.4	0.6	0.8	0.6	0.5	0.6	0.7	0.5	1.2	1.2	0.9	0.7
1959	0.9	0.9	0.9	0.9	0.5	0.4	0.6	0.5	0.5	0.8	0.7	0.5	0.7
1960	0.5	0.8	0.6	0.8	0.7	0.9	0.6	0.6	0.7	0.5	0.5	0.4	0.6
1961	0.4	0.8	0.7	0.7	0.6	0.8	0.5	0.6	0.8	0.7	0.3	0.5	0.6
1962	0.7	0.7	0.7	0.8	0.5	0.6	0.6	0.6	0.4	0.5	1.0	0.9	0.7
1963	0.6	0.7	0.7	0.5	0.7	0.7	0.4	0.4	0.8	0.5	0.5	0.4	0.6
1964	0.7	0.5	0.7	0.9	0.6	0.5	0.7	0.6	0.8	0.6	0.5	0.7	0.7
1965	0.6	0.7	0.5	0.5	0.6	0.7	0.6	0.5	0.5	0.7	0.5	0.3	0.6
1966	0.5	0.5	0.6	0.5	0.5	0.7	0.6	0.6	0.8	0.5	0.6	0.5	0.6
1967	0.6	0.7	0.9	0.5	0.6	0.5	0.6	0.8	0.9	0.7	0.4	0.8	0.7
1968	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.5	0.5	0.4
1969	0.7	0.7	0.8	0.7	0.5	0.5	0.5	0.6	0.7	0.8	0.6	0.6	0.6
1970	0.3	1.2	0.8	0.8	0.6	0.7	0.6	0.5	0.5	0.9	1.1	0.6	0.7
1971	0.5	0.8	0.6	0.5	0.7	0.5	0.7	0.7	0.8	1.1	0.7	0.7	0.7
1972	0.6	0.8	0.8	0.6	1.1	0.8	0.6	0.6	0.7	0.7	0.7	0.7	0.7
1973	0.6	0.9	0.8	0.7	0.7	0.7	0.6	0.4	0.4	0.6	0.5	1.1	0.7
1974	0.6	0.7	0.8	0.8	0.5	0.6	0.3	0.3	0.4	0.3	0.4	0.6	0.5
1975	0.7	0.6	0.7	0.5	0.3	0.4	1.0	0.8	0.8	0.9	0.9	0.9	0.7
MEAN	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 70

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.7	2.2	2.6	2.9	1.7	2.1	1.6	1.1	4.3	3.4	2.1	1.5
1957	1.2	2.3	2.4	2.2	1.9	1.6	1.1	2.1	1.9	3.7	2.2	2.4
1958	2.6	2.3	2.6	2.2	1.8	1.5	1.3	2.0	1.5	4.0	2.8	2.5
1959	2.6	1.6	2.7	2.0	1.8	0.9	1.4	1.6	1.4	2.5	2.1	1.7
1960	2.6	3.0	2.4	2.5	1.5	1.8	1.9	2.0	2.0	2.0	1.8	2.7
1961	2.1	3.5	2.4	2.4	2.3	1.9	1.1	1.5	3.1	1.9	2.0	2.0
1962	2.0	1.6	3.4	2.5	1.8	2.2	1.5	1.4	1.4	1.9	3.9	3.1
1963	1.7	2.7	2.4	2.5	2.3	2.3	1.0	1.9	2.2	2.6	2.7	2.2
1964	2.9	2.5	2.4	1.7	1.9	1.2	2.3	1.7	2.5	1.9	1.9	2.1
1965	2.4	2.4	1.8	1.7	1.1	2.3	1.3	1.3	1.6	2.5	1.7	1.8
1966	2.8	2.4	1.9	2.3	1.6	2.8	1.6	1.7	2.7	1.9	2.0	2.3
1967	1.9	2.1	2.1	1.9	1.9	1.4	1.6	1.6	2.5	1.6	1.4	3.0
1968	2.9	2.2	2.8	2.2	2.1	1.0	0.7	0.9	1.1	1.3	2.5	2.7
1969	3.0	2.4	3.1	1.9	1.8	1.4	1.6	1.7	2.1	1.9	3.0	2.7
1970	1.6	3.6	2.1	2.4	2.0	2.2	1.4	1.8	1.5	2.6	2.3	2.4
1971	2.5	2.9	2.3	2.6	2.2	1.0	1.9	3.2	2.6	2.5	2.4	1.7
1972	2.2	3.1	2.5	1.5	3.0	2.4	1.5	1.6	2.1	2.4	2.3	2.5
1973	2.6	3.0	2.6	2.6	1.9	1.8	1.2	1.5	2.2	3.1	2.6	3.7
1974	2.1	2.9	3.1	2.5	2.1	1.6	0.8	1.2	1.5	1.4	1.5	3.6
1975	2.9	2.6	3.1	1.9	1.1	1.6	2.4	0.9	1.5	2.1	2.9	2.7

LARGEST HS(METRES) FOR STATION 70 = 4.7

STATION 71 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	463	679	1500	70	1086	2583	959	198	433	1018	7424
0.50 - 0.99	.	927	215	662	53	1117	2755	479	687	5110	2350
1.00 - 1.49	.	.	.	56	118	148	855	5	169	1500	2350
1.50 - 1.99	200	99	334	1	169	1500	2350
2.00 - 2.49	44	201	87	5	169	1500	2350
2.50 - 2.99	41	10	11	169	1500	2350
3.00 - 3.49	169	1500	2350
3.50 - 3.99	169	1500	2350
4.00 - 4.49	169	1500	2350
4.50 - 4.99	169	1500	2350
5.00 - GREATER	169	1500	2350
TOTAL	463	1606	1715	788	1501	4189	1444	700	1388	5187	0

AVERAGE HS(M) = 0.68 LARGEST HS(M) = 3.86 ANGLE CLASS % = 19.0

STATION 71 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	304	626	1	448	906	1606	720	82	176	4421	4421
0.50 - 0.99	.	485	1363	627	213	1141	749	309	200	5	4421
1.00 - 1.49	.	.	119	17	369	686	373	63	50	6	4421
1.50 - 1.99	155	593	239	66	47	13	4421
2.00 - 2.49	22	102	75	37	59	3	4421
2.50 - 2.99	5	6	3	3	15	4421
3.00 - 3.49	6	4421
3.50 - 3.99	4421
4.00 - 4.49	4421
4.50 - 4.99	4421
5.00 - GREATER	4421
TOTAL	304	1111	1483	1092	1665	3933	2162	580	575	36	0

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 3.06 ANGLE CLASS % = 13.0

STATION 71 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	504	1495	1853	1483	1808	1618	.	.	.	.	8761
0.50 - 0.99	.	111	853	751	359	246	.	.	.	.	2350
1.00 - 1.49	.	.	5	25	51	3	.	.	.	.	84
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	504	1606	2711	2259	2218	1867	0	0	0	0	0

AVERAGE HS(M) = 0.29 LARGEST HS(M) = 1.48 ANGLE CLASS % = 11.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 71

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	1.0	0.6	0.7	0.5	0.6	0.9	0.6	0.6	1.0	0.8	0.5	0.7
1957	0.3	0.7	0.6	0.5	0.4	0.6	0.5	0.5	0.6	0.8	0.7	0.8	0.6
1958	0.4	0.4	0.5	0.7	0.5	0.4	0.6	0.7	0.5	1.1	1.1	0.8	0.6
1959	0.9	0.8	0.9	0.8	0.5	0.4	0.6	0.5	0.4	0.7	0.7	0.4	0.6
1960	0.4	0.7	0.5	0.8	0.7	0.8	0.5	0.6	0.6	0.4	0.5	0.3	0.6
1961	0.3	0.7	0.6	0.7	0.6	0.8	0.5	0.6	0.7	0.6	0.3	0.5	0.6
1962	0.6	0.6	0.5	0.8	0.4	0.5	0.6	0.5	0.3	0.4	0.8	0.8	0.6
1963	0.6	0.6	0.7	0.5	0.6	0.7	0.4	0.4	0.6	0.4	0.5	0.4	0.5
1964	0.7	0.5	0.6	0.9	0.6	0.5	0.7	0.5	0.6	0.5	0.5	0.7	0.6
1965	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.3	0.5
1966	0.4	0.5	0.6	0.5	0.5	0.7	0.6	0.6	0.7	0.5	0.5	0.4	0.5
1967	0.5	0.6	0.8	0.4	0.6	0.5	0.6	0.8	0.7	0.6	0.4	0.7	0.6
1968	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.3	0.5	0.5	0.4
1969	0.6	0.5	0.6	0.6	0.5	0.5	0.4	0.6	0.6	0.6	0.5	0.6	0.6
1970	0.2	1.2	0.7	0.8	0.6	0.6	0.6	0.5	0.5	0.8	0.9	0.6	0.7
1971	0.4	0.9	0.5	0.5	0.8	0.4	0.7	0.7	0.7	1.0	0.6	0.6	0.6
1972	0.6	0.7	0.7	0.6	1.0	0.8	0.6	0.6	0.5	0.6	0.6	0.6	0.6
1973	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.4	0.4	0.6	0.5	1.1	0.6
1974	0.6	0.7	0.8	0.8	0.5	0.5	0.3	0.3	0.3	0.2	0.3	0.6	0.5
1975	0.6	0.5	0.6	0.4	0.3	0.4	0.8	0.6	0.7	0.7	0.7	0.7	0.6
MEAN	0.5	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	

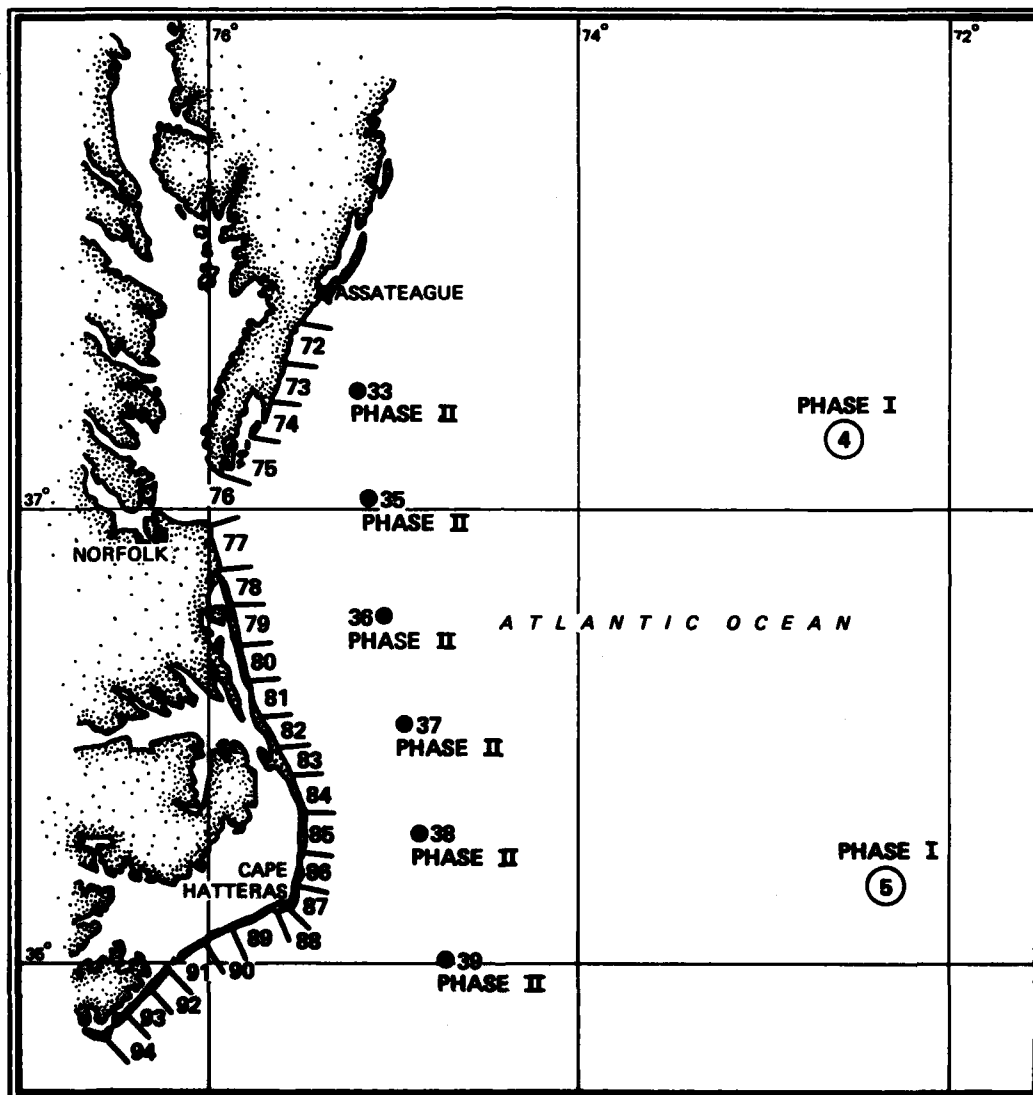
LARGEST HS(METRES) BY MONTH AND YEAR

STATION 71

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.9	2.2	2.6	3.3	1.4	1.9	1.7	1.1	3.6	2.8	1.8	1.5	
1957	1.1	2.1	1.8	2.3	2.0	1.4	1.1	1.9	1.7	3.4	2.3	2.5	
1958	2.6	2.3	2.3	2.2	1.8	1.5	1.3	2.2	1.5	3.6	2.8	2.2	
1959	2.9	1.6	2.7	1.9	1.9	0.9	1.6	1.6	1.3	2.3	2.2	1.5	
1960	2.1	2.8	2.6	2.7	1.6	1.5	2.1	1.9	2.1	1.8	1.5	2.4	
1961	1.8	3.7	2.3	2.4	2.2	2.0	1.1	1.6	2.4	1.6	2.0	2.0	
1962	2.2	1.7	2.2	2.7	1.8	2.0	1.4	1.4	1.3	1.4	3.1	3.0	
1963	1.7	2.4	2.4	2.4	2.4	2.2	1.0	2.0	1.7	2.2	2.7	2.2	
1964	3.1	2.5	2.3	1.7	1.7	1.2	2.3	1.6	1.9	1.8	2.0	2.2	
1965	1.6	2.6	1.7	1.7	1.1	2.0	1.4	1.3	1.4	2.6	1.5	1.8	
1966	3.0	2.6	2.0	2.1	1.6	2.7	1.5	1.8	2.7	1.9	2.2	1.9	
1967	2.1	1.7	2.2	2.0	1.6	1.4	1.8	1.6	2.3	1.7	1.4	3.0	
1968	2.7	2.3	3.1	2.1	1.8	0.9	0.7	0.7	1.1	1.3	2.9	2.9	
1969	2.4	2.4	2.3	2.0	2.0	1.5	1.6	1.7	1.8	1.8	2.8	2.8	
1970	1.4	4.1	2.2	2.3	2.0	2.2	1.5	1.5	1.6	2.1	1.8	2.5	
1971	2.5	2.9	2.3	2.3	2.4	1.0	1.7	3.3	2.3	2.4	2.5	1.5	
1972	2.3	3.1	2.8	1.6	2.7	2.4	1.6	1.6	1.8	2.1	2.3	2.4	
1973	2.6	3.3	2.8	2.6	2.0	1.7	1.2	1.5	2.3	3.1	2.7	3.7	
1974	1.9	2.9	2.5	2.7	2.1	1.7	0.9	0.8	1.6	0.9	1.5	3.6	
1975	2.7	2.9	3.1	2.1	1.1	1.4	1.7	0.8	1.5	2.3	2.4	2.5	

LARGEST HS(METRES) FOR STATION 71 = 4.1



STATION 72 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 22.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1180	3723	2855	1481	426	284	27	.	.	.	9976
0.50-0.99	.	509	3129	2061	627	275	.	.	.	.	6601
1.00-1.49	.	.	18	205	162	25	.	.	.	.	410
1.50-1.99	10	.	.	.	.	.	10
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1180	4232	6002	3747	1225	584	27	0	0	0	0

AVERAGE HS(M) = 0.46 LARGEST HS(M) = 1.84 ANGLE CLASS % = 17.0

STATION 72 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 22.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	580	1083	2048	407	3427	7053	3186	381	261	60	16061
0.50-0.99	.	1009	183	886	2523	3293	2481	90	285	183	10070
1.00-1.49	.	.	.	25	255	1042	586	27	107	13	3449
1.50-1.99	41	439	217	32	13	13	993
2.00-2.49	118	68	25	6	.	258
2.50-2.99	6	18	1	3	.	25
3.00-3.49	3	1	1	.	5
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	580	2092	2231	1318	4520	11971	6559	557	676	360	0

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 3.36 ANGLE CLASS % = 30.9

STATION 72 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 22.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	378	554	1107	51	1030	2535	947	15	.	1050	6509
0.50-0.99	.	650	171	487	47	1115	198	1	.	116	3285
1.00-1.49	.	.	.	53	75	107	51	.	.	.	2671
1.50-1.99	167	154	6	.	.	10	1699
2.00-2.49	25	130	10	.	.	3	255
2.50-2.99	35	23	10	5	.	55
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	378	1204	1278	571	1344	3976	1246	29	10	1183	0

AVERAGE HS(M) = 0.58 LARGEST HS(M) = 3.66 ANGLE CLASS % = 11.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 72

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.2	1.1	0.6	0.6	0.5	0.5	0.8	0.6	0.6	1.2	0.9	0.5	0.8
1957	0.3	0.7	0.6	0.5	0.4	0.6	0.4	0.5	0.6	0.9	0.7	0.7	0.6
1958	0.4	0.3	0.5	0.7	0.5	0.4	0.5	0.7	0.5	1.2	1.2	0.9	0.7
1959	0.9	0.8	0.9	0.9	0.4	0.3	0.5	0.5	0.4	0.7	0.6	0.4	0.6
1960	0.4	0.7	0.5	0.7	0.7	0.9	0.5	0.6	0.6	0.5	0.5	0.3	0.6
1961	0.3	0.7	0.6	0.6	0.6	0.7	0.5	0.5	0.8	0.7	0.3	0.4	0.6
1962	0.6	0.6	0.6	0.7	0.4	0.5	0.5	0.5	0.4	0.5	1.0	0.8	0.6
1963	0.5	0.6	0.6	0.4	0.6	0.7	0.4	0.3	0.7	0.5	0.5	0.3	0.5
1964	0.6	0.4	0.6	0.8	0.6	0.4	0.6	0.5	0.7	0.5	0.4	0.6	0.6
1965	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.4	0.5	0.6	0.4	0.3	0.5
1966	0.4	0.4	0.5	0.5	0.5	0.7	0.6	0.5	0.7	0.5	0.5	0.4	0.5
1967	0.5	0.5	0.7	0.4	0.5	0.5	0.5	0.7	0.8	0.7	0.4	0.6	0.6
1968	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.3	0.4	0.4	0.4
1969	0.6	0.6	0.7	0.7	0.4	0.5	0.4	0.6	0.7	0.7	0.5	0.5	0.6
1970	0.2	1.0	0.7	0.7	0.6	0.6	0.5	0.4	0.4	0.8	1.1	0.5	0.6
1971	0.4	0.7	0.5	0.4	0.7	0.4	0.6	0.6	0.7	1.1	0.6	0.6	0.6
1972	0.5	0.7	0.7	0.5	1.0	0.8	0.5	0.5	0.6	0.7	0.5	0.6	0.6
1973	0.5	0.8	0.7	0.6	0.6	0.6	0.5	0.4	0.4	0.6	0.4	1.0	0.6
1974	0.5	0.6	0.7	0.7	0.5	0.5	0.2	0.3	0.3	0.2	0.3	0.6	0.5
1975	0.6	0.5	0.6	0.4	0.3	0.4	0.9	0.8	0.8	0.8	0.8	0.8	0.6
MEAN	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 72

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.9	2.2	2.4	2.4	1.4	2.1	1.6	1.0	4.5	3.5	2.2	1.3
1957	1.2	2.2	2.6	2.0	1.7	1.6	1.0	2.1	1.7	3.8	1.9	2.3
1958	2.6	2.3	2.6	2.2	1.7	1.1	1.1	1.9	1.5	4.0	2.8	2.6
1959	2.4	1.7	2.7	2.1	1.4	0.9	1.4	1.6	1.4	2.5	1.9	1.5
1960	2.6	3.0	2.4	2.1	1.5	1.9	1.8	2.0	1.9	2.1	1.9	2.7
1961	2.1	3.5	2.4	2.5	2.3	1.7	0.9	1.3	3.3	2.0	2.0	2.0
1962	1.8	1.5	3.8	2.3	1.7	2.2	1.5	1.4	1.5	1.7	4.0	3.0
1963	1.4	2.7	2.1	2.5	2.1	2.3	0.9	1.6	2.3	2.6	2.7	2.2
1964	2.8	2.5	2.0	1.7	2.0	1.2	2.3	1.5	2.6	2.0	1.8	1.8
1965	2.2	2.2	1.8	1.4	1.1	2.3	1.2	1.2	1.7	2.3	1.7	1.7
1966	2.7	2.0	1.7	2.3	1.4	2.8	1.5	1.6	2.6	1.8	2.0	2.3
1967	1.8	2.2	2.0	1.8	2.1	1.4	1.5	1.6	2.5	1.6	1.4	3.1
1968	2.9	2.0	2.3	2.1	2.1	0.9	0.7	0.7	1.2	1.3	2.5	2.4
1969	3.1	2.4	3.5	1.8	1.6	1.2	1.5	1.6	2.1	2.3	3.0	2.6
1970	1.4	3.3	2.0	2.4	1.9	2.2	1.2	1.9	1.2	2.8	2.3	2.3
1971	2.4	2.8	2.3	2.6	2.1	1.0	1.9	3.1	2.7	2.5	2.3	1.7
1972	2.0	3.1	2.3	1.5	3.1	2.5	1.4	1.5	2.3	2.4	2.3	2.5
1973	2.6	2.9	2.2	2.7	1.6	1.9	1.1	1.3	2.1	3.1	2.0	3.8
1974	1.5	2.6	3.3	2.2	2.1	1.8	0.7	0.9	1.4	1.5	1.2	3.6
1975	3.1	2.4	3.1	1.7	1.1	1.6	2.4	0.9	1.5	1.8	2.9	2.8

LARGEST HS(METRES) FOR STATION 72 = 4.9

STATION 73 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0- 0.5	0.49	1125	3675	2871	1468	420	405	39	5	.	.	10008
0.5- 1.0	0.99	.	509	5075	2073	645	268	5	.	.	.	6516
1.0- 1.5	1.49	.	.	27	193	126	22	.	.	.	.	368
1.5- 2.0	1.99	.	.	.	.	6	.	.	.	.	.	6
2.0- 2.5	2.49	.	.	.	.	.	.	.	.	.	.	0
2.5- 3.0	2.99	.	.	.	.	.	.	.	.	.	.	0
3.0- 3.5	3.49	.	.	.	.	.	.	.	.	.	.	0
3.5- 4.0	3.99	.	.	.	.	.	.	.	.	.	.	0
4.0- 4.5	4.49	.	.	.	.	.	.	.	.	.	.	0
4.5- 5.0	4.99	.	.	.	.	.	.	.	.	.	.	0
5.0- 5.00	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		1125	4184	5974	3734	1197	695	44	5	0	0	0

AVERAGE HS(M) = 0.45 LARGEST HS(M) = 1.73 ANGLE CLASS % = 17.0

STATION 73 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0- 0.5	0.49	595	1062	.	.	3280	6878	3148	361	246	85	15655
0.5- 1.0	0.99	.	1013	1969	364	241	3246	2481	90	289	177	9370
1.0- 1.5	1.49	.	.	188	869	537	956	568	25	102	71	3316
1.5- 2.0	1.99	.	.	.	23	259	415	200	34	15	8	953
2.0- 2.5	2.49	.	.	.	.	37	97	56	22	5	.	217
2.5- 3.0	2.99	.	.	.	.	.	10	17	1	5	.	33
3.0- 3.5	3.49	.	.	.	.	.	.	1	.	.	.	0
3.5- 4.0	3.99	.	.	.	.	.	.	.	.	.	.	0
4.0- 4.5	4.49	.	.	.	.	.	.	.	.	.	.	0
4.5- 5.0	4.99	.	.	.	.	.	.	.	.	.	.	0
5.0- 5.00	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		595	2075	2157	1256	4353	11602	6471	536	662	341	0

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 3.36 ANGLE CLASS % = 30.1

STATION 73 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0- 0.5	0.49	321	520	.	.	987	2472	544	20	124	1074	6462
0.5- 1.0	0.99	.	610	1052	37	58	1103	217	130	87	1160	3410
1.0- 1.5	1.49	.	.	154	458	143	118	78	44	.	15	2200
1.5- 2.0	1.99	.	.	.	56	29	65	6	.	.	3	163
2.0- 2.5	2.49	.	.	.	.	.	140	11	.	.	1	163
2.5- 3.0	2.99	.	.	.	.	.	35	13	8	5	3	200
3.0- 3.5	3.49	.	.	.	.	.	.	.	.	.	.	0
3.5- 4.0	3.99	.	.	.	.	.	.	.	.	.	.	0
4.0- 4.5	4.49	.	.	.	.	.	.	.	.	.	.	0
4.5- 5.0	4.99	.	.	.	.	.	.	.	.	.	.	0
5.0- 5.00	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		321	1130	1206	551	1290	3933	1294	203	221	1215	0

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 3.66 ANGLE CLASS % = 11.4

STATION 73 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	330	518	1276	109	614	609	335	177	388	578	3549
0.50 - 0.99	.	564	1276	109	614	609	335	177	388	578	8792
1.00 - 1.49	.	.	208	742	136	1072	788	580	776	3565	5168
1.50 - 1.99	.	.	.	56	251	342	314	159	414	653	1100
2.00 - 2.49	66	256	124	17	167	193	900
2.50 - 2.99	383	212	41	90	118	270
3.00 - 3.49	47	119	49	41	16	270
3.50 - 3.99	8	32	46	19	100
4.00 - 4.49	18	17	100
4.50 - 4.99	1	6	100
5.00 - GREATER	0
TOTAL	330	1082	1484	907	1128	2749	1900	1055	1942	5373	0

AVERAGE HS(M) = 0.93 LARGEST HS(M) = 4.88 ANGLE CLASS % = 16.0

STATION 73 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	431	1168	674	479	1555	2161	207	6	.	.	6681
0.50 - 0.99	.	304	1617	1127	692	1518	585	10	.	.	6173
1.00 - 1.49	.	.	75	503	495	778	385	5	.	.	2168
1.50 - 1.99	.	.	.	5	174	480	251	20	6	.	100
2.00 - 2.49	27	133	154	56	10	.	100
2.50 - 2.99	1	1	6	1	1	.	100
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	431	1472	2366	2114	2882	4971	1265	98	17	0	0

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 2.97 ANGLE CLASS % = 15.6

STATION 73 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	159	516	1108	1452	617	.	.	.	.	.	3852
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	159	516	1108	1452	617	0	0	0	0	0	0

AVERAGE HS(M) = 0.09 LARGEST HS(M) = 0.47 ANGLE CLASS % = 3.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 73

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.2	1.1	0.7	0.7	0.5	0.5	0.8	0.6	0.7	1.3	0.9	0.5	0.8
1957	0.3	0.8	0.7	0.5	0.4	0.6	0.4	0.5	0.6	0.9	0.7	0.7	0.6
1958	0.4	0.4	0.6	0.8	0.5	0.4	0.5	0.7	0.5	1.3	1.2	1.0	0.7
1959	0.9	0.9	0.9	0.9	0.4	0.3	0.5	0.5	0.5	0.7	0.7	0.5	0.6
1960	0.4	0.7	0.5	0.7	0.7	0.9	0.5	0.6	0.7	0.5	0.5	0.3	0.6
1961	0.4	0.8	0.6	0.6	0.6	0.7	0.5	0.5	0.9	0.7	0.3	0.4	0.6
1962	0.6	0.6	0.7	0.7	0.4	0.5	0.6	0.5	0.4	0.5	1.0	0.9	0.6
1963	0.5	0.7	0.6	0.4	0.6	0.7	0.4	0.3	0.8	0.6	0.5	0.3	0.5
1964	0.6	0.5	0.6	0.9	0.6	0.4	0.7	0.5	0.8	0.5	0.4	0.6	0.6
1965	0.6	0.6	0.5	0.5	0.5	0.6	0.5	0.4	0.5	0.7	0.4	0.3	0.5
1966	0.5	0.4	0.6	0.5	0.5	0.7	0.6	0.5	0.7	0.5	0.6	0.5	0.5
1967	0.5	0.6	0.8	0.4	0.6	0.5	0.5	0.7	1.0	0.7	0.4	0.7	0.6
1968	0.5	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.5	0.4	0.4
1969	0.7	0.8	0.8	0.7	0.4	0.5	0.4	0.6	0.8	0.8	0.6	0.5	0.6
1970	0.2	1.0	0.7	0.8	0.6	0.6	0.5	0.4	0.4	0.9	1.1	0.5	0.7
1971	0.4	0.7	0.5	0.4	0.7	0.4	0.6	0.6	0.8	1.1	0.6	0.6	0.6
1972	0.5	0.8	0.7	0.5	1.0	0.8	0.5	0.5	0.7	0.7	0.6	0.6	0.7
1973	0.5	0.9	0.8	0.6	0.7	0.6	0.5	0.4	0.4	0.6	0.4	1.0	0.6
1974	0.6	0.6	0.7	0.7	0.5	0.6	0.2	0.3	0.3	0.2	0.3	0.6	0.5
1975	0.6	0.5	0.7	0.4	0.3	0.4	1.0	0.8	0.8	0.9	0.9	0.9	0.7
MEAN	0.6	0.7	0.7	0.6	0.5	0.6	0.5	0.5	0.6	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 73

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	4.9	2.2	2.4	2.4	1.6	2.1	1.6	1.3	4.5	3.5	2.2	1.3
1957	1.2	2.4	2.6	2.0	1.7	1.7	1.1	2.2	1.9	3.9	1.9	2.3
1958	2.6	2.3	2.8	2.1	1.7	1.1	1.0	1.9	1.5	4.0	2.8	2.6
1959	2.2	1.7	2.7	2.2	1.4	0.9	1.4	1.6	1.4	2.6	1.8	1.7
1960	3.0	3.2	2.5	2.1	1.4	1.9	1.6	2.0	1.9	2.2	1.9	2.7
1961	2.3	3.5	2.4	2.5	2.3	1.7	0.9	1.3	3.5	2.1	2.0	2.0
1962	1.8	1.9	3.8	2.3	1.7	2.2	1.7	1.4	1.7	1.9	4.3	3.0
1963	1.4	2.9	2.2	2.5	2.1	2.3	1.0	1.4	2.4	2.7	2.7	2.2
1964	2.8	2.5	2.0	1.8	2.1	1.2	2.4	1.7	2.7	2.0	1.8	1.8
1965	2.7	2.2	1.8	1.4	1.1	2.4	1.2	1.2	1.7	2.3	1.7	1.7
1966	2.6	2.0	1.7	2.3	1.4	2.9	1.9	1.5	2.6	1.8	2.0	2.3
1967	1.7	2.2	2.1	1.7	2.2	1.4	1.4	1.6	2.6	1.6	1.5	3.2
1968	2.9	2.3	2.3	2.1	2.2	0.9	0.7	0.9	1.2	1.3	2.5	2.4
1969	3.3	2.4	3.5	1.7	1.5	1.2	1.4	1.6	2.3	2.3	3.0	2.6
1970	1.9	3.3	2.0	2.4	1.9	2.2	1.2	2.0	1.2	2.9	2.4	2.3
1971	2.4	2.6	2.3	2.6	2.2	1.1	1.9	3.0	2.7	2.5	2.3	1.8
1972	1.8	3.1	2.3	1.5	3.1	2.5	1.4	1.5	2.3	2.4	2.3	2.5
1973	2.6	2.7	2.2	2.7	1.7	1.9	1.1	1.3	2.1	3.1	1.9	3.8
1974	1.6	2.6	3.5	1.9	2.1	1.9	0.7	1.4	1.4	1.7	1.1	3.6
1975	3.1	2.4	3.1	1.7	1.1	1.9	3.0	0.9	1.5	1.8	3.1	2.9

LARGEST HS(METRES) FOR STATION 73 = 4.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 74

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.5	0.8	0.5	0.8	0.5	0.7	0.7	0.5	0.7	1.5	0.9	0.4	0.7
1957	0.4	0.7	0.7	0.5	0.5	0.5	0.5	0.6	0.5	1.2	0.8	0.8	0.6
1958	0.4	0.4	0.6	0.9	0.6	0.4	0.3	0.7	0.5	1.6	1.6	1.1	0.8
1959	0.9	1.0	1.0	1.0	0.4	0.3	0.7	0.4	0.6	0.7	0.7	0.5	0.7
1960	0.4	0.8	0.6	0.7	0.7	0.6	0.5	0.7	0.8	0.5	0.5	0.4	0.6
1961	0.4	1.0	0.8	0.5	0.7	0.8	0.4	0.5	0.9	0.9	0.4	0.3	0.6
1962	0.7	0.7	0.8	0.6	0.5	0.6	0.7	0.6	0.4	0.6	1.0	1.0	0.7
1963	0.6	0.8	0.5	0.4	0.6	1.0	0.5	0.3	1.0	0.9	0.4	0.3	0.6
1964	0.6	0.4	0.5	0.9	0.6	0.4	0.6	0.5	1.1	1.0	0.5	0.6	0.7
1965	0.6	0.7	0.5	0.4	0.5	0.6	0.5	0.6	0.7	0.7	0.4	0.3	0.5
1966	0.5	0.5	0.5	0.4	0.6	1.0	1.0	1.0	0.7	0.6	0.6	0.6	0.7
1967	0.6	0.6	0.8	0.4	0.6	0.5	0.6	0.7	0.9	0.7	0.3	0.7	0.6
1968	0.7	0.4	0.4	0.5	0.4	0.4	0.3	0.2	0.2	0.3	0.4	0.3	0.4
1969	0.8	0.8	0.5	0.5	0.4	0.7	0.4	0.6	0.6	0.8	0.6	0.5	0.6
1970	0.3	1.2	0.7	0.8	0.7	0.6	0.6	0.5	0.4	0.9	1.0	0.4	0.7
1971	0.4	0.6	0.5	0.4	0.6	0.4	0.7	0.7	1.0	1.6	0.9	0.6	0.7
1972	0.5	0.7	0.6	0.5	1.1	0.6	0.5	0.5	0.6	1.0	0.6	0.7	0.7
1973	0.6	0.7	0.8	0.5	0.6	0.6	0.6	0.5	0.4	0.6	0.2	1.0	0.6
1974	0.6	0.6	0.7	0.6	0.5	0.6	0.2	0.3	0.3	0.3	0.3	0.6	0.4
1975	0.5	0.7	0.6	0.3	0.4	0.4	0.6	0.3	0.4	0.6	0.4	0.6	0.5
MEAN	0.5	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.8	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 74

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.2	2.0	1.7	2.6	1.8	2.3	1.4	1.4	4.4	3.3	2.4	1.4
1957	1.5	2.5	2.1	1.9	1.8	2.2	1.1	2.2	1.7	3.4	2.2	2.4
1958	2.3	2.5	2.5	2.3	2.3	1.1	1.0	2.0	2.4	5.2	3.0	2.7
1959	2.7	2.0	2.5	1.8	1.3	0.9	1.5	1.6	1.6	2.8	2.1	1.8
1960	3.0	3.0	2.7	2.3	2.0	1.9	1.9	2.1	1.8	2.1	1.8	2.2
1961	2.0	3.8	2.6	2.7	2.1	1.8	0.9	1.2	3.1	2.3	2.1	1.7
1962	2.6	1.6	3.7	2.3	1.6	2.3	2.7	2.0	1.8	2.2	4.1	3.1
1963	1.4	3.3	2.0	2.0	2.0	2.6	1.3	1.1	2.4	3.4	2.5	1.7
1964	2.8	2.2	2.4	1.8	2.5	1.1	2.3	1.8	2.7	2.5	2.3	2.0
1965	2.3	2.6	1.6	1.4	1.1	2.6	1.6	1.6	2.2	2.6	2.0	1.6
1966	2.8	2.6	2.1	2.1	1.9	3.4	2.2	1.8	2.6	1.9	2.7	2.3
1967	1.6	1.9	1.9	2.2	2.2	1.3	1.5	1.8	2.7	1.9	1.5	3.0
1968	3.3	2.1	2.3	1.9	2.5	0.8	0.9	0.9	1.4	1.7	2.4	2.3
1969	3.4	2.2	2.2	1.9	1.5	1.8	1.2	1.2	2.1	2.3	3.3	2.5
1970	2.2	3.7	2.2	2.1	2.0	1.8	1.4	2.1	1.1	2.7	2.3	2.5
1971	1.7	2.4	2.5	2.7	2.2	1.1	1.9	3.1	2.8	2.9	1.8	1.7
1972	1.8	2.9	2.0	1.6	3.1	2.4	2.1	1.6	1.7	2.8	2.2	2.4
1973	2.0	2.8	2.3	2.3	2.0	2.0	1.0	1.2	2.2	2.5	1.6	3.7
1974	1.8	2.2	3.2	2.4	1.5	2.0	0.6	1.0	1.4	1.4	1.1	3.3
1975	2.4	2.8	3.3	1.8	1.8	1.9	2.2	0.8	1.5	2.0	3.2	2.4

LARGEST HS(METRES) FOR STATION 74 = 5.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 75

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.4	0.3	0.4	0.4	0.4	0.6	0.2	0.2	0.7	1.5	0.9	0.4	0.5
1957	0.3	0.7	0.7	0.4	0.5	0.5	0.3	0.5	0.5	0.7	0.7	0.7	0.5
1958	0.4	0.3	0.6	0.8	0.6	0.4	0.2	0.6	0.5	1.6	1.6	1.1	0.7
1959	0.9	1.0	0.9	0.9	0.2	0.2	0.4	0.3	0.6	0.6	0.6	0.5	0.6
1960	0.3	0.7	0.6	0.4	0.6	0.5	0.3	0.5	0.7	0.4	0.4	0.3	0.5
1961	0.4	1.0	0.7	0.4	0.7	0.6	0.2	0.4	0.8	0.9	0.4	0.2	0.5
1962	0.6	0.6	0.7	0.5	0.5	0.5	0.6	0.4	0.4	0.6	0.9	1.0	0.6
1963	0.4	0.7	0.4	0.3	0.5	1.0	0.5	0.2	0.9	0.9	0.3	0.3	0.5
1964	0.5	0.3	0.4	0.5	0.6	0.3	0.4	0.4	1.0	1.0	0.5	0.5	0.5
1965	0.5	0.6	0.4	0.3	0.2	0.4	0.3	0.4	0.7	0.7	0.3	0.3	0.4
1966	0.5	0.4	0.4	0.4	0.5	1.0	1.0	0.9	0.7	0.5	0.6	0.5	0.6
1967	0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.4	0.9	0.7	0.2	0.6	0.5
1968	0.7	0.4	0.3	0.4	0.4	0.3	0.1	0.1	0.2	0.2	0.3	0.3	0.3
1969	0.8	0.8	0.4	0.4	0.4	0.6	0.4	0.4	0.5	0.7	0.6	0.4	0.5
1970	0.2	0.8	0.5	0.7	0.7	0.5	0.5	0.4	0.2	0.9	1.0	0.4	0.6
1971	0.4	0.4	0.4	0.3	0.4	0.3	0.6	0.7	1.0	1.6	0.8	0.5	0.6
1972	0.4	0.7	0.5	0.4	1.1	0.5	0.4	0.3	0.6	1.0	0.5	0.5	0.6
1973	0.5	0.7	0.8	0.4	0.5	0.5	0.6	0.4	0.4	0.5	0.2	0.7	0.5
1974	0.4	0.4	0.5	0.2	0.4	0.5	0.2	0.2	0.3	0.2	0.2	0.5	0.4
1975	0.5	0.7	0.6	0.3	0.3	0.2	0.3	0.1	0.4	0.6	0.4	0.5	0.4
MEAN	0.5	0.6	0.5	0.4	0.5	0.5	0.4	0.4	0.6	0.8	0.6	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 75

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.9	2.0	1.6	2.4	1.8	2.3	1.3	1.4	4.4	3.3	2.4	1.4	
1957	1.5	2.5	2.1	1.8	1.8	2.2	1.1	2.2	1.7	3.3	2.2	2.3	
1958	2.2	2.5	2.5	2.3	2.3	1.1	0.8	2.0	2.4	5.2	3.0	2.7	
1959	2.1	2.0	2.5	1.8	1.0	0.8	1.5	1.6	1.6	2.8	2.0	1.6	
1960	3.0	2.9	2.7	2.1	2.0	1.9	1.8	2.1	1.8	2.0	1.7	2.2	
1961	1.8	3.8	2.6	2.7	2.1	1.7	0.8	1.1	3.1	2.3	2.0	1.6	
1962	2.2	1.6	3.7	2.2	1.5	2.3	2.7	2.0	1.8	2.2	4.1	3.1	
1963	1.2	3.3	1.9	1.8	1.5	2.6	1.3	0.8	2.4	3.4	2.4	1.6	
1964	2.8	2.2	2.2	1.8	2.4	1.1	2.3	1.8	2.7	2.5	2.1	1.7	
1965	2.3	2.5	1.6	1.4	1.0	2.6	1.5	1.5	2.1	2.6	2.0	1.4	
1966	2.8	1.7	2.0	2.1	1.9	3.2	2.2	1.7	2.5	1.9	2.6	2.3	
1967	1.6	1.8	1.5	2.2	2.0	1.3	1.2	1.8	2.7	1.9	1.5	3.0	
1968	3.3	2.1	1.9	1.9	2.4	0.8	0.8	0.9	1.4	1.6	2.4	2.1	
1969	3.4	2.2	2.2	1.4	1.2	1.7	1.2	1.1	2.1	2.3	3.3	2.3	
1970	2.2	3.0	2.1	1.9	2.0	1.8	1.2	2.1	1.0	2.7	2.2	2.4	
1971	1.4	2.3	2.5	2.7	2.0	1.1	1.9	3.2	2.8	2.9	1.8	1.7	
1972	1.6	2.8	1.7	1.4	3.1	2.4	2.1	1.6	1.7	2.8	2.1	2.4	
1973	1.9	2.5	2.2	2.2	1.8	2.0	1.0	1.1	2.2	2.6	1.4	3.7	
1974	1.8	2.2	3.2	1.6	1.5	2.0	0.5	1.0	1.4	1.4	1.1	3.3	
1975	2.4	2.7	3.3	1.8	1.7	1.9	2.0	0.8	1.4	2.0	3.2	2.3	

LARGEST HS(METRES) FOR STATION 75 = 5.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 76

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.5	0.3	0.4	0.4	0.4	0.6	0.2	0.2	0.7	1.5	0.9	0.4	0.5
1957	0.3	0.7	0.7	0.4	0.5	0.5	0.3	0.5	0.5	0.7	0.6	0.7	0.5
1958	0.4	0.3	0.6	0.8	0.6	0.3	0.2	0.6	0.5	1.6	1.6	1.1	0.7
1959	0.9	1.0	0.9	0.9	0.2	0.2	0.4	0.3	0.6	0.6	0.6	0.5	0.6
1960	0.4	0.7	0.6	0.4	0.6	0.5	0.3	0.5	0.7	0.5	0.4	0.3	0.5
1961	0.4	1.0	0.7	0.4	0.6	0.6	0.2	0.4	0.8	0.9	0.4	0.2	0.5
1962	0.6	0.6	0.7	0.5	0.5	0.5	0.6	0.4	0.4	0.6	1.0	1.0	0.6
1963	0.4	0.7	0.4	0.3	0.5	1.0	0.5	0.2	0.9	0.9	0.3	0.3	0.5
1964	0.5	0.4	0.4	0.5	0.6	0.3	0.4	0.4	1.1	1.0	0.5	0.5	0.5
1965	0.5	0.6	0.4	0.3	0.2	0.4	0.3	0.4	0.7	0.7	0.3	0.3	0.4
1966	0.5	0.4	0.4	0.4	0.5	0.9	1.0	0.9	0.7	0.6	0.6	0.5	0.6
1967	0.5	0.5	0.3	0.3	0.5	0.5	0.3	0.3	0.9	0.7	0.2	0.6	0.5
1968	0.7	0.4	0.3	0.4	0.4	0.3	0.1	0.1	0.2	0.2	0.3	0.3	0.3
1969	0.8	0.8	0.4	0.4	0.4	0.6	0.4	0.3	0.5	0.7	0.6	0.4	0.5
1970	0.2	0.7	0.5	0.7	0.7	0.5	0.5	0.4	0.2	0.9	1.0	0.4	0.6
1971	0.4	0.4	0.4	0.3	0.4	0.3	0.6	0.7	1.0	1.6	0.8	0.5	0.6
1972	0.4	0.7	0.5	0.4	1.1	0.5	0.4	0.3	0.6	1.0	0.5	0.5	0.6
1973	0.5	0.7	0.8	0.4	0.5	0.5	0.6	0.4	0.4	0.5	0.2	0.7	0.5
1974	0.4	0.5	0.5	0.2	0.4	0.5	0.2	0.2	0.3	0.3	0.2	0.5	0.4
1975	0.5	0.7	0.6	0.3	0.3	0.2	0.3	0.1	0.4	0.6	0.4	0.5	0.4
MEAN	0.5	0.6	0.5	0.4	0.5	0.5	0.4	0.4	0.6	0.8	0.6	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 76

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.2	2.0	1.6	2.4	1.8	2.3	1.3	1.4	4.4	3.3	2.4	1.4	
1957	1.5	2.5	2.1	1.8	1.8	2.2	1.1	2.2	1.7	3.3	2.2	2.3	
1958	2.2	2.5	2.5	2.3	2.2	1.1	0.8	2.0	2.4	5.2	3.0	2.7	
1959	1.9	2.0	2.4	1.8	1.0	0.8	1.5	1.6	1.6	2.8	1.7	1.8	
1960	3.0	3.0	2.7	2.1	2.0	1.9	1.8	2.1	1.8	2.1	1.8	2.2	
1961	2.0	3.8	2.6	2.7	2.1	1.7	0.8	1.1	3.1	2.3	2.1	1.6	
1962	2.2	1.6	3.7	2.2	1.6	2.3	2.7	2.0	1.8	2.2	4.1	3.1	
1963	1.1	3.3	1.9	1.8	1.5	2.6	1.3	0.8	2.4	3.4	2.4	1.6	
1964	2.8	2.2	2.2	1.8	2.5	1.1	2.3	1.8	2.7	2.5	2.1	1.5	
1965	2.3	2.6	1.6	1.4	1.0	2.6	1.6	1.5	2.2	2.6	2.0	1.4	
1966	2.8	1.7	2.0	2.1	1.8	3.4	2.2	1.7	2.6	1.9	2.6	2.3	
1967	1.6	1.9	1.5	2.2	2.2	1.3	1.2	1.8	2.7	1.9	1.5	3.0	
1968	3.3	2.1	1.8	1.7	2.5	0.8	0.8	0.9	1.4	1.6	2.4	2.1	
1969	3.4	2.2	2.2	1.4	1.2	1.7	1.2	1.1	2.1	2.3	3.3	2.3	
1970	2.2	3.0	2.1	1.9	2.0	1.8	1.2	2.1	1.0	2.7	2.3	2.4	
1971	1.4	2.2	2.5	2.7	2.0	1.1	1.9	3.0	2.8	2.9	1.7	1.7	
1972	1.6	2.8	1.7	1.4	3.1	2.4	2.1	1.6	1.7	2.8	1.9	2.4	
1973	1.9	2.5	2.2	2.2	1.8	2.0	1.0	1.1	2.2	2.4	1.3	3.7	
1974	1.8	2.2	3.2	1.6	1.5	2.0	0.5	1.0	1.4	1.4	1.1	3.3	
1975	2.4	2.7	3.3	1.8	1.8	1.9	2.2	0.8	1.4	2.0	3.2	2.3	

LARGEST HS(METRES) FOR STATION 76 = 5.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 77

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.7	0.3	0.5	0.5	0.5	0.6	0.2	0.2	0.7	1.5	0.9	0.4	0.6
1957	0.4	0.8	0.8	0.4	0.5	0.5	0.3	0.5	0.5	0.8	0.6	0.6	0.6
1958	0.4	0.3	0.8	0.8	0.5	0.3	0.1	0.5	0.5	1.5	1.4	1.1	0.7
1959	0.7	0.9	0.8	0.9	0.2	0.2	0.4	0.3	0.6	0.6	0.7	0.6	0.6
1960	0.4	0.7	0.6	0.4	0.6	0.5	0.3	0.6	0.8	0.6	0.5	0.4	0.5
1961	0.5	0.9	0.6	0.3	0.6	0.5	0.1	0.3	1.0	1.0	0.4	0.2	0.6
1962	0.7	0.7	0.9	0.4	0.5	0.5	0.6	0.4	0.5	0.6	1.1	1.1	0.7
1963	0.5	0.8	0.4	0.3	0.5	0.9	0.4	0.2	1.1	1.0	0.3	0.3	0.6
1964	0.5	0.4	0.4	0.5	0.7	0.3	0.4	0.4	1.2	1.1	0.5	0.5	0.6
1965	0.7	0.6	0.4	0.4	0.2	0.5	0.3	0.4	0.8	0.7	0.4	0.3	0.5
1966	0.6	0.4	0.4	0.4	0.5	0.9	0.9	0.8	0.7	0.6	0.6	0.6	0.6
1967	0.5	0.7	0.4	0.4	0.5	0.5	0.2	0.3	1.0	0.7	0.3	0.6	0.5
1968	0.8	0.5	0.3	0.4	0.4	0.3	0.1	0.1	0.2	0.2	0.3	0.3	0.3
1969	0.8	1.0	0.5	0.4	0.4	0.6	0.4	0.3	0.6	0.9	0.6	0.4	0.6
1970	0.3	0.5	0.5	0.7	0.7	0.6	0.5	0.4	0.2	1.0	1.1	0.4	0.6
1971	0.4	0.4	0.4	0.3	0.4	0.3	0.6	0.6	1.0	1.6	0.9	0.6	0.6
1972	0.5	0.8	0.5	0.4	1.0	0.5	0.3	0.3	0.8	1.1	0.6	0.5	0.6
1973	0.5	0.9	0.8	0.3	0.5	0.4	0.5	0.4	0.4	0.6	0.2	0.7	0.5
1974	0.4	0.5	0.5	0.2	0.4	0.5	0.2	0.3	0.4	0.3	0.5	0.5	0.4
1975	0.6	0.6	0.7	0.4	0.4	0.2	0.4	0.1	0.4	0.7	0.5	0.7	0.5
MEAN	0.5	0.6	0.6	0.4	0.5	0.5	0.4	0.4	0.7	0.9	0.6	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 77

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.8	1.8	1.7	2.8	2.3	2.4	1.3	1.8	4.8	3.9	2.6	1.7
1957	2.2	2.6	2.6	1.5	1.7	2.5	1.2	2.2	1.9	3.3	2.5	2.0
1958	1.8	2.7	2.7	2.4	1.6	1.4	0.8	2.4	2.4	5.3	2.5	2.7
1959	2.0	1.9	2.3	2.6	1.1	0.9	1.6	1.8	1.8	3.0	2.3	2.3
1960	3.5	3.8	2.9	2.1	2.1	2.2	1.6	2.3	2.3	3.1	2.5	1.9
1961	2.5	3.0	2.5	2.7	1.8	1.7	0.8	1.4	3.4	3.0	2.3	1.6
1962	2.7	2.3	5.0	1.9	1.6	2.4	2.6	2.0	2.4	2.4	4.8	3.2
1963	1.4	3.7	1.6	2.5	1.8	2.5	1.4	0.8	2.8	3.4	2.1	1.4
1964	2.9	2.1	2.2	2.0	2.6	1.0	2.3	2.3	3.0	2.5	1.9	2.0
1965	3.3	2.5	1.6	1.6	1.0	2.7	1.5	1.4	2.3	2.9	2.0	1.5
1966	3.0	1.5	1.9	2.1	2.1	3.5	2.4	1.6	2.5	2.6	2.3	2.5
1967	2.0	2.3	2.6	2.2	2.9	1.3	1.1	2.0	3.1	2.0	1.7	2.5
1968	3.5	2.8	1.5	1.5	2.8	0.7	0.8	1.2	1.4	1.1	2.2	1.3
1969	3.6	2.6	3.0	1.9	1.8	1.1	1.4	1.2	2.5	2.8	3.2	2.1
1970	2.3	2.1	2.1	2.7	2.0	1.9	1.1	2.4	1.1	3.5	2.8	2.1
1971	1.4	2.0	2.8	2.8	2.1	1.1	2.1	2.4	3.0	3.0	1.6	2.1
1972	2.1	2.7	1.8	1.6	3.6	2.2	1.9	2.3	2.8	3.0	2.2	2.2
1973	2.4	3.3	2.8	2.2	2.0	1.9	0.9	0.9	1.9	2.2	1.2	3.3
1974	2.0	2.4	3.5	1.2	1.7	2.2	0.5	1.4	1.9	1.7	2.0	3.0
1975	3.5	2.7	2.9	2.2	1.9	2.4	3.0	0.8	1.5	2.2	4.2	2.7

LARGEST HS(METRES) FOR STATION 77 = 5.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 78

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.3	0.5	0.5	0.5	0.6	0.2	0.3	0.8	1.5	1.0	0.4	0.6
1957	0.5	0.8	0.9	0.4	0.5	0.5	0.3	0.5	0.5	0.9	0.6	0.6	0.6
1958	0.5	0.4	0.8	0.8	0.5	0.4	0.1	0.5	0.5	1.5	1.3	1.1	0.7
1959	0.7	0.9	0.8	0.8	0.2	0.2	0.4	0.3	0.6	0.6	0.7	0.6	0.6
1960	0.5	0.7	0.7	0.4	0.6	0.5	0.3	0.6	0.8	0.6	0.6	0.4	0.6
1961	0.5	0.9	0.6	0.3	0.6	0.5	0.1	0.4	1.0	1.1	0.5	0.3	0.6
1962	0.8	0.8	1.0	0.4	0.6	0.5	0.6	0.4	0.5	0.6	1.2	1.2	0.7
1963	0.6	0.9	0.4	0.3	0.5	0.9	0.4	0.2	1.1	1.0	0.3	0.4	0.6
1964	0.5	0.5	0.4	0.5	0.7	0.3	0.4	0.4	1.3	1.1	0.6	0.6	0.6
1965	0.7	0.7	0.4	0.4	0.2	0.5	0.3	0.4	0.8	0.7	0.4	0.3	0.5
1966	0.7	0.5	0.4	0.4	0.5	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
1967	0.5	0.7	0.5	0.5	0.5	0.5	0.2	0.3	1.1	0.7	0.3	0.7	0.6
1968	0.9	0.6	0.4	0.5	0.4	0.3	0.1	0.2	0.2	0.2	0.4	0.3	0.4
1969	0.9	1.1	0.6	0.4	0.4	0.5	0.3	0.3	0.7	1.0	0.7	0.5	0.6
1970	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	1.0	1.1	0.5	0.6
1971	0.5	0.4	0.5	0.3	0.4	0.3	0.6	0.6	1.0	1.6	1.0	0.7	0.6
1972	0.5	0.9	0.5	0.5	1.0	0.5	0.3	0.3	0.8	1.1	0.7	0.6	0.6
1973	0.6	1.0	0.9	0.3	0.4	0.4	0.5	0.4	0.4	0.6	0.2	0.7	0.5
1974	0.5	0.6	0.6	0.2	0.4	0.5	0.2	0.3	0.4	0.4	0.4	0.5	0.4
1975	0.7	0.6	0.7	0.4	0.4	0.2	0.4	0.1	0.4	0.7	0.5	0.7	0.5
MEAN	0.6	0.7	0.6	0.5	0.5	0.5	0.4	0.4	0.7	0.9	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 78

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.8	1.8	1.9	2.9	2.3	2.4	1.3	1.9	4.8	3.9	2.7	1.8
1957	2.2	2.8	2.8	1.5	1.9	2.5	1.2	2.2	2.0	3.3	2.5	2.0
1958	1.9	2.7	2.8	2.5	1.7	1.8	0.8	2.5	2.4	5.3	2.4	2.8
1959	2.0	2.1	2.3	2.6	1.1	1.0	1.6	2.2	1.9	3.0	2.4	2.4
1960	3.5	3.8	2.9	2.1	2.1	2.2	1.5	2.4	2.3	3.1	2.5	1.8
1961	2.5	3.0	2.5	2.6	1.8	1.8	0.7	1.4	3.4	3.1	2.3	2.0
1962	2.8	2.4	5.0	1.8	1.6	2.4	2.6	2.0	2.5	2.4	4.8	3.3
1963	1.6	3.7	1.6	2.5	1.8	2.4	1.5	0.8	2.8	3.4	2.1	1.4
1964	3.0	2.1	2.2	2.0	2.6	1.1	2.3	2.3	3.1	2.4	2.1	2.5
1965	3.5	2.4	1.7	1.7	1.0	2.7	1.6	1.3	2.3	2.9	2.0	1.7
1966	3.2	1.4	2.1	2.1	2.1	3.6	2.4	1.6	2.5	2.7	2.3	2.5
1967	2.0	2.5	2.6	2.2	3.0	1.3	1.1	2.0	3.2	2.0	1.8	2.5
1968	3.6	3.2	1.7	1.4	2.8	0.7	0.7	1.3	1.4	1.1	2.0	1.6
1969	3.6	2.9	3.0	2.0	1.9	1.1	1.5	1.5	2.5	2.8	3.2	2.0
1970	2.5	2.3	2.1	2.7	2.0	1.9	1.0	2.5	1.2	3.6	2.9	2.0
1971	1.5	2.0	3.0	2.9	2.1	1.2	2.2	2.4	3.0	3.2	1.8	2.2
1972	2.3	2.8	2.1	1.9	3.6	2.2	1.9	2.4	2.8	3.0	2.5	2.3
1973	2.5	3.6	2.8	2.2	2.0	1.9	0.9	0.8	2.0	2.4	1.2	3.3
1974	2.1	2.4	3.5	1.5	1.7	2.2	0.7	1.4	2.0	2.0	2.1	3.0
1975	3.5	2.7	2.8	2.3	1.9	2.7	3.2	0.8	1.5	2.3	4.2	3.1

LARGEST HS(METRES) FOR STATION 78 = 5.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 79

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.8	0.4	0.5	0.5	0.5	0.6	0.2	0.3	0.8	1.4	1.3	0.6	0.7
1957	0.5	0.8	0.8	0.4	0.5	0.6	0.3	0.5	0.6	0.7	0.5	0.6	0.6
1958	0.5	0.4	0.8	0.8	0.5	0.4	0.2	0.5	0.4	1.6	1.0	0.8	0.7
1959	0.4	0.6	0.6	0.6	0.3	0.2	0.4	0.4	0.7	0.7	0.8	0.7	0.5
1960	0.5	0.7	0.7	0.5	0.6	0.6	0.4	0.6	0.8	0.7	0.6	0.5	0.6
1961	0.6	0.8	0.6	0.4	0.5	0.4	0.2	0.4	1.0	1.1	0.6	0.3	0.6
1962	0.8	0.8	1.0	0.4	0.6	0.5	0.6	0.4	0.5	0.6	1.2	1.2	0.7
1963	0.6	0.9	0.4	0.4	0.5	0.4	0.2	0.2	1.2	1.0	0.3	0.4	0.6
1964	0.6	0.5	0.5	0.6	0.6	0.3	0.4	0.5	1.3	1.6	1.1	0.6	0.7
1965	0.8	0.7	0.5	0.4	0.3	0.5	0.3	0.3	0.8	0.8	0.5	0.3	0.5
1966	0.7	0.5	0.5	0.5	0.4	0.5	0.3	0.3	0.6	0.7	0.8	0.7	0.5
1967	0.5	0.7	0.5	0.5	0.6	0.5	0.3	0.4	0.9	0.6	0.4	0.7	0.6
1968	0.9	0.7	0.4	0.5	0.4	0.2	0.1	0.2	0.2	0.3	0.4	0.4	0.4
1969	0.8	1.0	0.6	0.4	0.4	0.4	0.3	0.3	0.7	1.0	0.6	0.5	0.6
1970	0.5	0.6	0.6	0.7	0.7	0.6	0.3	0.4	0.3	1.1	1.1	0.5	0.6
1971	0.6	0.5	0.5	0.3	0.4	0.3	0.5	0.5	0.8	1.2	1.0	0.8	0.6
1972	0.6	0.9	0.6	0.5	0.9	0.5	0.3	0.4	0.9	1.0	0.8	0.6	0.7
1973	0.7	1.0	0.9	0.4	0.4	0.4	0.2	0.1	0.4	0.6	0.3	0.7	0.5
1974	0.4	0.6	0.6	0.2	0.3	0.4	0.1	0.3	0.4	0.5	0.4	0.5	0.4
1975	0.7	0.7	0.8	0.5	0.3	0.3	0.4	0.1	0.4	0.6	0.5	0.8	0.5
MEAN	0.6	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.7	0.9	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 79

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.7	1.8	1.8	2.8	2.2	2.4	1.2	1.7	4.3	4.5	2.8	2.0
1957	2.1	2.7	2.8	1.5	2.0	2.6	1.2	2.2	2.0	3.5	2.2	2.1
1958	1.9	2.7	2.7	2.7	2.0	1.9	0.8	2.2	2.5	5.1	2.4	2.7
1959	2.0	2.1	2.6	2.5	1.1	1.1	1.6	1.7	1.8	3.0	2.3	2.3
1960	3.4	3.9	3.0	2.1	2.1	2.1	2.0	2.3	2.2	2.9	2.6	1.9
1961	2.4	3.1	2.5	2.4	1.8	2.0	0.9	1.4	3.1	3.0	2.3	2.0
1962	2.8	2.5	5.1	2.2	1.7	2.5	2.5	2.0	2.7	2.4	4.7	3.4
1963	1.6	3.6	2.0	2.5	1.8	2.5	1.5	0.9	3.3	3.4	2.2	1.5
1964	2.9	2.1	2.0	2.2	2.5	1.1	2.2	2.3	3.4	2.6	2.3	2.3
1965	3.4	2.5	1.7	1.9	1.1	2.6	1.1	1.0	2.3	3.0	1.8	1.8
1966	3.1	1.6	2.5	2.1	2.2	3.4	2.2	1.5	2.2	2.6	2.5	2.5
1967	2.1	2.2	2.5	2.1	3.0	2.3	1.1	2.0	3.1	1.6	1.6	2.4
1968	3.8	3.2	1.8	1.5	2.7	0.8	0.8	1.3	1.1	1.4	2.3	1.6
1969	3.5	3.0	3.2	2.1	1.7	1.5	1.3	1.2	2.6	2.8	3.4	2.6
1970	2.4	2.4	2.4	2.4	2.1	1.9	1.0	2.4	1.2	3.6	2.7	2.5
1971	2.0	2.1	2.9	3.0	2.1	1.3	2.1	2.5	3.1	3.1	1.8	2.5
1972	2.3	2.8	2.0	2.0	3.7	2.4	1.8	2.2	2.5	3.0	2.3	2.2
1973	2.5	4.0	3.1	1.7	1.9	1.9	0.7	0.8	2.0	2.3	1.3	3.4
1974	2.1	2.7	3.3	1.6	1.5	2.0	0.6	1.4	1.8	2.0	2.1	3.0
1975	3.7	2.7	3.1	2.4	1.4	2.6	3.5	0.6	1.7	2.3	3.8	2.6

LARGEST HS(METRES) FOR STATION 79 = 5.1

MEAN HS(METRES) BY MONTH AND YEAR

STATION 80

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.4	0.6	0.5	0.6	0.6	0.2	0.3	0.8	1.5	1.3	0.7	0.7
1957	0.6	0.9	0.9	0.5	0.5	0.6	0.3	0.5	0.6	0.8	0.6	0.6	0.6
1958	0.7	0.5	0.9	0.8	0.5	0.4	0.2	0.5	0.5	1.6	1.1	0.9	0.7
1959	0.5	0.7	0.6	0.6	0.3	0.2	0.4	0.4	0.7	0.7	0.9	0.7	0.6
1960	0.6	0.8	0.8	0.5	0.6	0.6	0.4	0.6	0.8	0.7	0.7	0.6	0.6
1961	0.7	0.9	0.7	0.4	0.5	0.4	0.2	0.4	1.0	1.1	0.7	0.4	0.6
1962	0.9	0.9	1.1	0.5	0.6	0.5	0.6	0.5	0.5	0.7	1.3	1.3	0.8
1963	0.7	1.0	0.5	0.5	0.6	0.4	0.2	0.3	1.2	1.0	0.4	0.5	0.6
1964	0.7	0.6	0.5	0.6	0.7	0.3	0.4	0.5	1.3	1.6	1.1	0.7	0.7
1965	0.9	0.8	0.5	0.5	0.3	0.5	0.3	0.3	0.8	0.8	0.6	0.4	0.6
1966	0.8	0.6	0.5	0.5	0.5	0.5	0.3	0.3	0.6	0.8	0.9	0.7	0.6
1967	0.6	0.8	0.6	0.6	0.6	0.5	0.3	0.4	1.0	0.6	0.5	0.8	0.6
1968	1.0	0.8	0.4	0.5	0.4	0.2	0.1	0.2	0.2	0.3	0.4	0.5	0.4
1969	0.9	1.1	0.7	0.5	0.4	0.4	0.3	0.4	0.7	1.1	0.7	0.7	0.7
1970	0.6	0.6	0.6	0.8	0.7	0.6	0.3	0.4	0.3	1.1	1.1	0.6	0.6
1971	0.7	0.5	0.6	0.4	0.5	0.3	0.5	0.5	0.8	1.2	1.0	0.8	0.7
1972	0.7	1.0	0.7	0.6	0.9	0.5	0.3	0.4	0.9	1.1	0.9	0.7	0.7
1973	0.8	1.1	1.0	0.4	0.4	0.4	0.2	0.2	0.4	0.7	0.4	0.8	0.6
1974	0.5	0.7	0.6	0.3	0.4	0.4	0.1	0.3	0.5	0.5	0.5	0.5	0.4
1975	0.8	0.7	0.8	0.5	0.3	0.3	0.5	0.1	0.4	0.6	0.6	0.8	0.5
MEAN	0.7	0.8	0.7	0.5	0.5	0.4	0.3	0.4	0.7	0.9	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 80

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.7	1.8	2.1	2.9	2.3	2.4	1.2	1.7	4.3	4.5	2.9	2.0	
1957	2.1	2.7	2.9	1.7	2.1	2.6	1.2	2.2	2.0	3.5	2.2	2.1	
1958	2.0	2.7	2.7	2.7	2.0	1.9	0.8	2.3	2.5	5.1	2.4	2.8	
1959	2.1	2.1	2.6	2.7	1.2	1.1	1.6	2.0	1.8	3.0	2.4	2.5	
1960	3.4	3.9	3.1	2.1	2.1	2.1	1.9	2.3	2.2	3.0	2.6	2.1	
1961	2.5	3.1	2.5	2.4	1.8	2.1	0.9	1.4	3.2	3.0	2.3	2.1	
1962	2.8	2.6	5.2	2.2	1.7	2.5	2.5	2.0	2.7	2.5	4.7	3.4	
1963	1.7	3.6	2.1	2.5	1.8	2.5	1.5	1.0	3.4	3.4	2.2	1.6	
1964	2.9	2.1	2.1	2.2	2.6	1.2	2.2	2.3	3.4	2.6	2.3	2.5	
1965	3.4	2.5	1.7	2.0	1.1	2.6	1.3	1.0	2.3	3.0	1.8	2.0	
1966	3.2	1.7	2.6	2.1	2.2	3.5	2.3	1.6	2.2	2.7	2.5	2.5	
1967	2.1	2.3	2.5	2.1	3.1	2.3	1.1	2.0	3.1	2.0	1.8	2.6	
1968	3.8	3.4	2.0	1.5	2.7	0.8	0.8	1.4	1.1	1.4	2.3	1.8	
1969	3.5	3.1	3.2	2.2	1.8	1.5	1.4	1.4	2.6	2.8	3.3	2.6	
1970	2.4	2.1	2.4	2.4	2.1	2.0	1.0	2.4	1.6	3.6	2.9	2.5	
1971	2.1	2.1	3.0	3.0	2.1	1.3	2.1	2.5	3.1	3.2	1.9	2.5	
1972	2.6	2.9	2.0	2.4	3.7	2.4	1.8	2.2	2.6	3.0	2.4	2.3	
1973	2.6	4.0	3.1	1.9	1.9	1.9	0.7	0.9	2.1	2.6	1.6	3.4	
1974	2.1	2.7	3.3	1.8	1.6	2.0	0.6	1.4	2.0	2.2	2.2	3.0	
1975	3.7	2.7	3.1	2.5	1.4	2.8	3.5	0.6	1.7	2.5	3.8	2.6	

LARGEST HS(METRES) FOR STATION 80 = 5.2

STATION 81 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	3246	6827	7505	6276	1394	568	.	.	.	.	25816
0.50 - 0.99	.	152	1334	901	405	398	.	.	.	.	3190
1.00 - 1.49	.	.	20	77	97	11	.	.	.	.	205
1.50 - 1.99	1	.	.	.	.	.	1
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	3246	6979	8859	7254	1897	977	0	0	0	0	0

AVERAGE HS(M) = 0.21 LARGEST HS(M) = 1.73 ANGLE CLASS % = 29.2

STATION 81 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	533	918	1341	275	403	124	174	32	46	54	2284
0.50 - 0.99	.	465	131	275	47	219	143	35	27	5	2557
1.00 - 1.49	.	.	.	25	256	313	90	11	15	.	1434
1.50 - 1.99	148	224	51	10	3	.	469
2.00 - 2.49	34	87	42	1	1	.	177
2.50 - 2.99	8	3	.	.	.	20
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	533	1383	1472	917	888	975	503	116	95	60	0

AVERAGE HS(M) = 0.80 LARGEST HS(M) = 3.08 ANGLE CLASS % = 7.0

STATION 81 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	390	515	1024	88	1016	1146	424	90	268	188	4037
0.50 - 0.99	.	395	116	448	71	1158	468	23	530	206	4663
1.00 - 1.49	.	.	.	49	184	272	150	85	520	576	2247
1.50 - 1.99	65	152	34	78	289	66	852
2.00 - 2.49	231	63	29	159	53	600
2.50 - 2.99	39	104	47	39	10	299
3.00 - 3.49	6	44	15	5	70
3.50 - 3.99	8	.	8
4.00 - 4.49	1	.	1
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	390	910	1140	585	1411	2998	1249	396	1840	1806	0

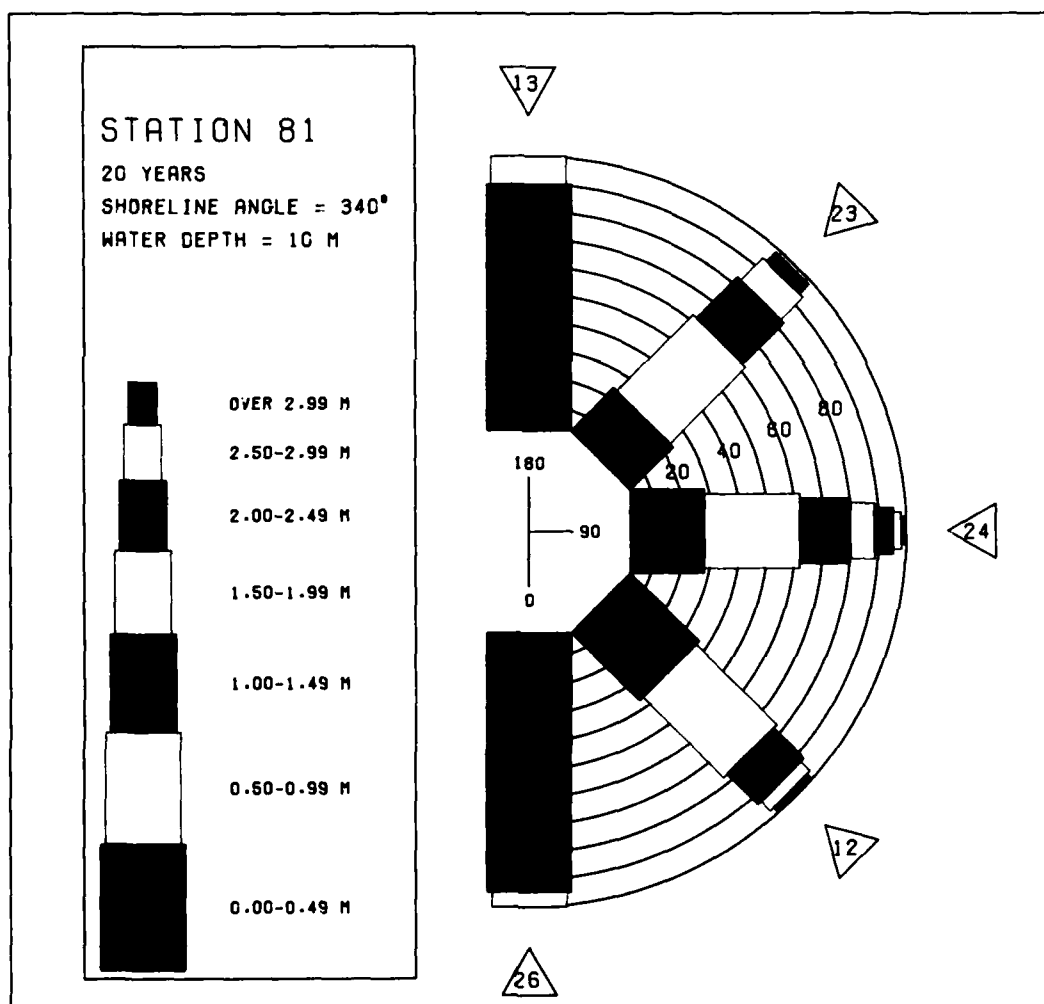
AVERAGE HS(M) = 0.88 LARGEST HS(M) = 5.07 ANGLE CLASS % = 12.7

STATION 81 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	690	1283	1060	1026	511	388	95	18	33	29	5133
0.50-0.99	.	218	870	472	192	405	148	12	62	92	2471
1.00-1.49	.	.	66	356	179	271	92	19	59	61	1103
1.50-1.99	.	.	.	26	139	233	61	18	36	39	522
2.00-2.49	31	155	67	24	21	9	297
2.50-2.99	16	48	1	7	1	99
3.00-3.49	3	.	.	.	32
3.50-3.99	10
4.00-4.49	2
4.50-4.99	1
5.00- GREATER	0
TOTAL	690	1501	1996	1880	1052	1468	514	128	235	206	

AVE HS(M) = 0.62 LARGEST HS(M) = 5.25 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 81

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.1	0.4	0.6	0.5	0.6	0.6	0.2	0.3	0.8	1.5	1.3	0.7	0.7
1957	0.7	0.9	0.9	0.5	0.5	0.6	0.3	0.5	0.6	0.8	0.6	0.6	0.6
1958	0.7	0.5	0.9	0.8	0.5	0.4	0.1	0.5	0.5	1.6	1.1	1.0	0.7
1959	0.5	0.7	0.6	0.6	0.3	0.2	0.4	0.4	0.7	0.7	0.9	0.8	0.6
1960	0.7	0.8	0.9	0.5	0.6	0.6	0.4	0.5	0.9	0.8	0.7	0.6	0.7
1961	0.7	0.9	0.7	0.4	0.5	0.4	0.2	0.4	1.0	1.2	0.7	0.4	0.6
1962	0.9	0.9	1.2	0.5	0.6	0.5	0.6	0.5	0.6	0.7	1.3	1.3	0.8
1963	0.8	1.0	0.5	0.5	0.6	0.4	0.2	0.3	1.2	1.0	0.4	0.5	0.6
1964	0.7	0.6	0.5	0.6	0.7	0.3	0.4	0.5	1.4	1.6	1.1	0.7	0.8
1965	0.9	0.8	0.5	0.5	0.3	0.5	0.3	0.3	0.8	0.8	0.6	0.4	0.6
1966	0.9	0.6	0.5	0.5	0.4	0.5	0.3	0.3	0.6	0.8	0.9	0.8	0.6
1967	0.6	0.8	0.6	0.6	0.6	0.5	0.3	0.4	1.0	0.6	0.5	0.8	0.6
1968	1.0	0.8	0.4	0.5	0.4	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.4
1969	0.9	1.2	0.7	0.5	0.4	0.4	0.3	0.4	0.8	1.1	0.8	0.7	0.7
1970	0.6	0.7	0.6	0.8	0.7	0.6	0.3	0.4	0.4	1.1	1.1	0.6	0.7
1971	0.7	0.5	0.6	0.4	0.4	0.3	0.5	0.5	0.8	1.2	1.1	0.8	0.7
1972	0.7	1.0	0.7	0.6	0.9	0.5	0.3	0.4	1.0	1.1	0.9	0.7	0.7
1973	0.8	1.1	1.0	0.4	0.4	0.4	0.2	0.1	0.4	0.7	0.4	0.8	0.6
1974	0.5	0.8	0.6	0.3	0.4	0.4	0.1	0.3	0.5	0.5	0.5	0.6	0.4
1975	0.8	0.7	0.8	0.6	0.3	0.3	0.4	0.1	0.4	0.7	0.6	0.9	0.5
MEAN	0.7	0.8	0.7	0.5	0.5	0.4	0.3	0.4	0.7	0.9	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 81

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.8	1.6	2.1	2.9	2.3	2.3	1.2	1.8	4.4	4.5	2.9	2.0
1957	2.1	2.8	2.9	1.7	2.1	2.6	1.3	2.3	2.0	3.5	2.2	2.0
1958	2.2	2.7	2.8	2.8	2.0	1.9	0.8	2.5	2.3	5.1	2.4	3.0
1959	2.1	2.1	2.6	2.7	1.3	1.1	1.6	2.0	1.9	3.0	2.4	2.5
1960	3.4	3.9	3.1	2.1	2.1	2.3	1.9	2.4	2.3	3.2	2.7	2.2
1961	2.6	3.1	2.5	2.4	1.7	2.1	0.8	1.5	3.2	3.1	2.4	2.2
1962	2.9	2.8	5.3	2.0	1.7	2.5	2.4	2.0	2.7	2.5	4.7	3.4
1963	1.9	3.6	2.1	2.5	1.9	2.5	1.5	1.0	3.4	3.4	2.0	1.6
1964	2.9	2.1	2.2	2.2	2.6	1.2	2.2	2.3	3.4	2.6	2.4	2.5
1965	3.6	2.5	1.8	2.0	1.1	2.6	1.3	1.0	2.3	3.0	1.8	2.2
1966	3.3	1.9	2.6	2.1	2.2	3.5	2.3	1.7	2.1	2.8	2.5	2.5
1967	2.1	2.4	2.6	2.1	3.1	2.3	1.0	2.2	3.1	2.0	1.8	2.9
1968	3.8	3.6	2.2	1.5	2.7	0.8	0.7	1.4	1.1	1.2	2.3	1.8
1969	3.5	3.3	3.4	2.3	2.0	1.5	1.5	1.5	2.6	2.9	3.3	2.4
1970	2.6	2.1	2.4	2.6	2.1	2.0	0.9	2.4	1.8	3.6	2.9	2.4
1971	2.1	2.0	3.0	3.0	2.0	1.3	2.2	2.5	3.1	3.2	2.1	2.6
1972	2.6	2.9	2.0	2.4	3.7	2.4	1.7	2.2	2.8	3.0	2.4	2.3
1973	2.7	4.0	3.2	2.1	2.0	1.9	0.8	0.9	2.1	2.7	1.8	3.4
1974	2.2	2.7	3.3	2.0	1.7	2.0	0.7	1.5	2.0	2.3	2.2	2.9
1975	3.8	2.6	3.1	2.5	1.4	3.1	3.7	0.6	1.7	2.5	4.0	2.6

LARGEST HS(METRES) FOR STATION 81 = 5.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 82

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.3	0.5	0.7	0.5	0.6	0.8	0.2	0.4	0.9	1.6	1.6	0.7	0.8
1957	0.8	1.0	1.0	0.5	0.6	0.6	0.4	0.6	0.7	0.9	0.8	0.8	0.7
1958	0.8	0.6	1.0	1.0	0.7	0.5	0.2	0.5	0.6	1.4	0.9	1.2	0.8
1959	0.7	0.9	0.8	0.8	0.3	0.2	0.6	0.4	0.7	0.9	1.0	0.9	0.7
1960	0.8	0.9	1.1	0.5	0.8	0.6	0.4	0.5	0.9	0.9	0.8	0.8	0.7
1961	0.8	1.1	0.8	0.5	0.6	0.5	0.1	0.5	1.0	1.1	0.9	0.5	0.7
1962	0.9	1.0	1.3	0.6	0.6	0.5	0.6	0.5	0.7	0.8	1.5	1.5	0.9
1963	0.9	1.1	0.5	0.5	0.6	0.9	0.3	0.3	1.2	1.2	0.5	0.6	0.7
1964	0.8	0.7	0.7	0.6	0.7	0.3	0.4	0.5	1.5	1.8	1.3	1.0	0.9
1965	1.0	0.9	0.6	0.6	0.3	0.5	0.3	0.2	0.8	1.0	0.7	0.5	0.6
1966	1.0	0.7	0.5	0.5	0.6	0.6	0.3	0.3	0.8	0.9	1.1	1.0	0.7
1967	0.7	0.9	0.7	0.8	0.7	0.7	0.2	0.4	1.1	0.8	0.6	0.9	0.7
1968	1.1	1.0	0.5	0.6	0.4	0.2	0.1	0.2	0.3	0.4	0.5	0.6	0.5
1969	1.1	1.5	0.8	0.5	0.5	0.6	0.4	0.4	0.8	1.2	1.0	0.8	0.8
1970	0.7	0.8	0.7	0.8	0.6	0.5	0.4	0.4	0.4	1.2	1.3	0.9	0.7
1971	0.8	0.6	0.7	0.5	0.5	0.4	0.6	0.7	1.1	1.5	1.1	1.0	0.8
1972	0.8	1.1	0.7	0.6	1.1	0.5	0.5	0.4	0.9	1.3	1.0	0.7	0.8
1973	0.9	1.3	1.1	0.5	0.5	0.3	0.4	0.2	0.5	0.8	0.4	0.8	0.6
1974	0.5	0.8	0.6	0.3	0.4	0.4	0.2	0.3	0.6	0.7	0.7	0.7	0.5
1975	0.9	0.8	0.8	0.7	0.4	0.3	0.5	0.1	0.5	0.8	0.7	1.0	0.6
MEAN	0.9	0.9	0.8	0.6	0.6	0.5	0.4	0.4	0.8	1.1	0.9	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 82

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	4.6	1.9	2.4	3.3	2.3	2.1	1.3	1.9	3.8	4.6	3.3	2.2	
1957	2.5	2.8	2.5	2.0	2.2	2.7	1.4	2.4	2.2	3.1	2.1	2.4	
1958	2.4	1.8	3.3	2.6	2.0	1.8	0.7	2.5	2.3	5.1	2.4	3.2	
1959	2.5	2.4	2.6	2.7	1.3	1.1	1.8	2.0	1.9	2.7	2.5	2.8	
1960	3.8	3.9	2.9	2.1	2.2	2.3	1.5	2.4	2.4	3.5	3.3	2.6	
1961	2.3	3.0	2.4	2.1	1.7	2.2	0.7	1.5	3.5	4.0	2.4	2.4	
1962	3.0	2.8	5.9	1.8	1.6	2.5	2.1	2.4	2.8	2.7	4.7	3.7	
1963	2.2	3.6	2.1	2.5	2.1	2.5	1.4	1.1	3.2	3.4	1.6	1.8	
1964	2.8	2.4	2.3	2.3	2.9	1.3	2.0	2.1	3.9	3.3	2.5	2.8	
1965	3.5	2.6	1.9	2.0	1.2	2.5	1.4	1.1	2.4	3.1	1.8	2.3	
1966	3.2	2.1	2.7	2.1	2.1	4.2	2.3	1.6	2.3	2.9	2.5	2.5	
1967	2.3	2.6	2.5	2.5	3.3	2.0	1.1	1.8	3.0	1.7	2.4	2.7	
1968	4.0	4.0	2.2	1.6	2.5	0.7	0.7	1.4	0.9	1.1	1.9	2.0	
1969	3.5	3.6	3.6	2.3	1.8	1.1	1.5	1.8	3.0	2.9	3.0	2.2	
1970	2.5	2.4	2.2	2.7	2.1	2.1	0.8	2.4	1.7	3.6	2.9	2.3	
1971	2.4	2.3	3.2	2.1	2.1	1.4	2.5	2.2	3.1	3.4	2.3	2.7	
1972	3.1	3.0	2.2	2.3	3.7	2.1	1.5	2.4	2.7	3.0	2.4	2.3	
1973	3.1	4.7	3.2	2.3	2.0	1.7	1.0	1.0	2.2	2.9	2.0	3.5	
1974	2.4	2.5	2.8	2.1	1.7	1.7	1.1	1.5	2.3	2.5	3.1	2.5	
1975	3.9	2.6	3.2	2.7	1.3	3.4	4.3	0.8	1.8	2.9	4.0	2.6	

LARGEST HS(METRES) FOR STATION 82 = 5.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 83

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	1.2	0.5	0.7	0.5	0.6	0.8	0.2	0.4	0.9	1.6	1.5	0.7	0.8
1957	0.8	1.0	1.0	0.5	0.6	0.6	0.4	0.6	0.7	0.9	0.8	0.8	0.7
1958	0.8	0.6	1.0	1.0	0.7	0.5	0.2	0.5	0.6	1.4	1.0	1.2	0.8
1959	0.6	0.9	0.8	0.8	0.3	0.2	0.6	0.4	0.7	0.9	1.0	0.9	0.7
1960	0.7	0.9	1.1	0.5	0.8	0.6	0.4	0.5	0.9	0.9	0.8	0.7	0.7
1961	0.8	1.1	0.8	0.5	0.6	0.5	0.2	0.5	1.0	1.1	0.8	0.5	0.7
1962	0.9	1.0	1.3	0.6	0.6	0.5	0.7	0.5	0.7	0.8	1.5	1.5	0.9
1963	0.9	1.1	0.5	0.5	0.7	0.9	0.3	0.3	1.2	1.2	0.5	0.6	0.7
1964	0.8	0.7	0.7	0.6	0.7	0.3	0.4	0.5	1.5	1.8	1.3	1.0	0.9
1965	1.0	0.9	0.6	0.6	0.3	0.5	0.3	0.2	0.8	1.0	0.7	0.5	0.6
1966	1.0	0.7	0.5	0.5	0.6	0.6	0.3	0.3	0.8	0.9	1.1	0.9	0.7
1967	0.7	0.9	0.7	0.8	0.7	0.7	0.2	0.4	1.1	0.7	0.6	0.9	0.7
1968	1.1	1.0	0.5	0.6	0.4	0.2	0.1	0.2	0.3	0.4	0.5	0.6	0.5
1969	1.1	1.4	0.8	0.5	0.5	0.6	0.4	0.4	0.8	1.2	1.0	0.8	0.8
1970	0.7	0.7	0.7	0.8	0.6	0.5	0.4	0.4	0.4	1.2	1.3	0.9	0.7
1971	0.8	0.6	0.7	0.5	0.5	0.4	0.6	0.7	1.1	1.5	1.1	1.0	0.8
1972	0.8	1.0	0.7	0.6	1.1	0.5	0.5	0.4	0.9	1.3	1.0	0.7	0.8
1973	0.9	1.3	1.1	0.5	0.5	0.4	0.4	0.3	0.5	0.8	0.4	0.8	0.6
1974	0.5	0.8	0.6	0.3	0.4	0.5	0.3	0.3	0.6	0.7	0.7	0.7	0.5
1975	0.9	0.8	0.8	0.7	0.4	0.3	0.5	0.1	0.5	0.8	0.7	1.0	0.6
MEAN	0.8	0.9	0.8	0.6	0.6	0.5	0.4	0.4	0.8	1.0	0.9	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 83

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	4.5	1.9	2.3	3.1	2.3	2.1	1.2	1.9	3.8	4.6	3.3	2.2
1957	2.5	2.8	2.5	2.0	2.2	2.7	1.4	2.4	2.2	3.1	2.1	2.4
1958	2.4	1.7	3.3	2.6	2.0	1.8	0.7	2.4	2.3	5.1	2.4	3.2
1959	2.5	2.3	2.7	2.7	1.3	1.1	1.8	1.8	1.9	2.7	2.5	2.7
1960	3.8	3.9	2.9	2.1	2.2	2.3	1.6	2.4	2.4	3.5	3.3	2.5
1961	2.3	3.0	2.4	2.1	1.8	2.2	0.8	1.4	3.4	3.9	2.4	2.3
1962	3.0	2.8	5.9	1.8	1.6	2.5	2.1	2.4	2.8	2.7	4.7	3.7
1963	2.2	3.6	2.0	2.5	2.1	2.5	1.4	1.1	3.2	3.3	1.8	1.7
1964	2.8	2.3	2.2	2.3	2.9	1.3	2.0	2.1	3.9	3.3	2.4	2.8
1965	3.5	2.6	1.9	2.0	1.1	2.5	1.4	1.1	2.4	3.1	1.8	2.3
1966	3.2	2.1	2.7	2.1	2.1	4.0	2.3	1.6	2.2	2.9	2.5	2.5
1967	2.3	2.6	2.5	2.4	3.2	2.1	1.1	1.8	3.1	1.7	2.3	2.5
1968	4.0	3.9	2.2	1.6	2.5	0.7	0.7	1.4	0.9	1.2	2.0	2.0
1969	3.5	3.6	3.6	2.2	1.7	1.1	1.5	1.8	3.0	2.9	3.2	2.2
1970	2.5	2.4	2.2	2.7	2.1	2.0	0.9	2.4	1.7	3.6	2.8	2.3
1971	2.4	2.3	3.0	2.2	2.1	1.4	2.5	2.2	3.2	3.4	2.3	2.7
1972	2.9	3.0	2.2	2.3	3.7	2.3	1.6	2.3	2.7	3.0	2.4	2.3
1973	3.1	4.7	3.2	2.1	2.0	1.7	1.0	1.0	2.2	2.8	1.9	3.5
1974	2.4	2.5	2.8	1.9	1.7	1.7	1.1	1.5	2.3	2.4	3.1	2.6
1975	3.9	2.6	3.2	2.7	1.3	3.4	4.3	0.8	1.8	2.7	4.0	2.6

LARGEST HS(METRES) FOR STATION 83 = 5.9

STATION 84 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2231	5051	5626	5480	1319	633	1	.	.	.	20341
0.50 - 0.99	.	242	1546	973	354	479	.	.	.	.	3544
1.00 - 1.49	.	.	18	97	97	18	.	.	.	.	230
1.50 - 1.99	.	.	.	1	8	.	.	.	.	.	9
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2231	5293	7190	6551	1778	1130	1	0	0	0	0

AVERAGE HS(M) = 0.24 LARGEST HS(M) = 1.86 ANGLE CLASS % = 24.2

STATION 84 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	407	686	1339	249	638	2205	2144	23	68	11	6182
0.50 - 0.99	.	467	1339	249	638	2205	2144	23	68	11	6080
1.00 - 1.49	.	.	147	612	321	2299	1854	463	241	200	2735
1.50 - 1.99	.	.	.	32	163	631	1854	333	61	51	2411
2.00 - 2.49	42	102	143	108	18	1	21
2.50 - 2.99	6	78	10	1	.	8
3.00 - 3.49	3	5	.	.	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	407	1153	1486	893	1288	5619	4714	176	389	263	0

AVERAGE HS(M) = 0.71 LARGEST HS(M) = 3.29 ANGLE CLASS % = 16.4

STATION 84 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	258	362	939	88	650	821	265	112	154	371	2993
0.50 - 0.99	.	361	939	88	650	821	265	112	154	371	3770
1.00 - 1.49	.	.	128	492	53	792	467	34	277	759	2192
1.50 - 1.99	.	.	.	71	171	294	167	42	325	674	2555
2.00 - 2.49	47	148	68	59	53	350	599
2.50 - 2.99	253	66	10	17	123	286
3.00 - 3.49	39	11	39	11	299	286
3.50 - 3.99	5	44	1	299	286
4.00 - 4.49	1	.	1	1
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	258	723	1067	651	991	2347	1150	341	887	2381	1

AVERAGE HS(M) = 0.96 LARGEST HS(M) = 5.09 ANGLE CLASS % = 10.8

MEAN HS(METRES) BY MONTH AND YEAR

STATION 84

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	1.2	0.5	0.7	0.5	0.6	0.8	0.2	0.4	0.9	1.6	1.6	0.8	0.8
1957	0.8	1.0	1.0	0.5	0.6	0.6	0.4	0.6	0.7	0.9	0.8	0.8	0.7
1958	0.8	0.6	1.0	1.0	0.7	0.5	0.2	0.5	0.6	1.4	1.0	1.2	0.8
1959	0.6	0.8	0.8	0.8	0.3	0.2	0.6	0.4	0.7	0.9	1.0	0.9	0.7
1960	0.7	0.9	1.1	0.5	0.8	0.6	0.4	0.5	0.9	0.8	0.8	0.7	0.7
1961	0.7	1.1	0.8	0.5	0.7	0.5	0.2	0.5	1.0	1.1	0.8	0.4	0.7
1962	0.9	1.0	1.2	0.6	0.6	0.5	0.7	0.5	0.7	0.8	1.4	1.5	0.9
1963	0.9	1.1	0.5	0.5	0.7	0.9	0.3	0.3	1.2	1.1	0.5	0.6	0.7
1964	0.7	0.6	0.7	0.6	0.7	0.3	0.4	0.5	1.5	1.8	1.3	1.0	0.9
1965	1.0	0.9	0.6	0.6	0.3	0.5	0.3	0.2	0.8	1.0	0.6	0.5	0.6
1966	1.0	0.7	0.5	0.5	0.6	0.6	0.4	0.3	0.8	0.8	1.1	0.9	0.7
1967	0.7	0.9	0.7	0.8	0.7	0.7	0.3	0.4	1.1	0.7	0.6	0.9	0.7
1968	1.1	1.0	0.5	0.6	0.4	0.2	0.1	0.2	0.3	0.4	0.5	0.6	0.5
1969	1.1	1.4	0.8	0.5	0.5	0.6	0.4	0.4	0.8	1.2	1.0	0.8	0.8
1970	0.7	0.7	0.7	0.8	0.6	0.5	0.4	0.4	0.4	1.2	1.3	0.8	0.7
1971	0.8	0.6	0.7	0.5	0.5	0.4	0.6	0.7	1.1	1.5	1.1	1.0	0.8
1972	0.8	1.0	0.7	0.6	1.1	0.5	0.5	0.4	0.9	1.3	1.0	0.7	0.8
1973	0.9	1.3	1.1	0.5	0.5	0.4	0.4	0.3	0.5	0.8	0.4	0.8	0.6
1974	0.5	0.8	0.6	0.3	0.4	0.5	0.2	0.3	0.6	0.6	0.7	0.6	0.5
1975	0.9	0.8	0.8	0.7	0.4	0.3	0.5	0.1	0.5	0.8	0.7	0.9	0.6
MEAN	0.8	0.9	0.8	0.6	0.6	0.5	0.4	0.4	0.8	1.0	0.9	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 84

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	4.5	1.8	2.3	3.1	2.3	2.1	1.2	1.9	3.8	4.6	3.3	2.2	
1957	2.5	2.7	2.5	2.0	2.1	2.7	1.4	2.4	2.2	3.1	2.1	2.3	
1958	2.2	1.9	3.3	2.6	2.0	1.8	0.7	2.4	2.3	5.1	2.4	3.0	
1959	2.4	2.3	2.7	2.7	1.3	1.1	1.8	1.8	1.9	2.7	2.4	2.7	
1960	3.8	3.9	2.9	2.1	2.2	2.3	1.6	2.4	2.4	3.4	3.3	2.5	
1961	2.1	3.2	2.5	2.1	1.8	2.2	0.8	1.5	3.4	3.9	2.3	2.3	
1962	3.0	2.8	5.9	1.8	1.6	2.5	2.3	2.4	2.8	2.6	4.7	3.7	
1963	2.2	3.6	2.0	2.5	2.1	2.5	1.4	1.0	3.2	3.3	1.8	1.7	
1964	2.8	2.3	2.2	2.3	2.9	1.3	2.0	2.1	3.8	3.3	2.4	2.7	
1965	3.5	2.6	1.9	2.0	1.1	2.5	1.4	1.1	2.4	3.1	1.8	2.1	
1966	3.2	1.8	2.6	2.0	1.9	4.0	2.3	1.6	2.2	2.9	2.4	2.5	
1967	2.3	2.4	2.5	2.4	3.1	2.1	1.1	1.8	3.1	1.7	2.3	2.5	
1968	4.0	3.7	2.0	1.6	2.6	0.7	0.7	1.4	0.9	1.2	2.0	1.9	
1969	3.5	3.6	3.4	2.1	1.7	1.3	1.4	1.8	3.0	2.9	3.2	2.2	
1970	2.5	2.3	2.2	2.5	2.1	2.0	0.9	2.4	1.6	3.6	2.8	2.4	
1971	2.4	2.3	3.0	2.2	2.1	1.4	2.5	2.2	3.2	3.4	2.2	2.7	
1972	2.9	3.0	2.2	2.3	3.7	2.3	1.6	2.3	2.7	3.0	2.3	2.3	
1973	3.1	4.7	3.1	2.1	1.9	1.7	0.8	1.0	2.2	2.7	1.9	3.5	
1974	2.3	2.4	2.8	1.9	1.7	1.7	1.0	1.5	2.2	2.3	3.1	2.7	
1975	3.9	2.7	3.2	2.7	1.3	3.0	4.3	0.8	1.8	2.7	3.8	2.5	

LARGEST HS(METRES) FOR STATION 84 = 5.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 85

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.6	0.6	0.7	0.7	0.9	0.6	0.5	0.8	1.5	1.6	0.7	0.8
1957	0.7	0.9	0.8	0.5	0.6	0.6	0.5	0.7	0.7	1.0	0.7	0.7	0.7
1958	0.6	0.4	0.7	0.9	0.6	0.5	0.3	0.5	0.6	1.4	0.7	0.9	0.7
1959	0.5	0.8	0.7	0.7	0.4	0.3	0.6	0.4	0.8	0.8	0.9	0.7	0.6
1960	0.6	0.8	0.8	0.6	0.9	0.7	0.5	0.6	0.9	0.7	0.7	0.6	0.7
1961	0.5	0.8	0.9	0.6	0.7	0.6	0.3	0.6	0.9	0.9	0.6	0.4	0.7
1962	0.8	0.9	1.1	0.6	0.6	0.7	0.7	0.6	0.7	0.7	1.3	1.2	0.8
1963	0.8	1.2	0.5	0.4	0.7	0.5	0.3	0.3	1.1	1.0	0.5	0.5	0.6
1964	0.7	0.5	0.6	0.8	0.7	0.4	0.5	0.6	1.3	1.7	1.3	1.0	0.8
1965	0.9	0.8	0.6	0.6	0.4	0.6	0.5	0.4	0.8	1.0	0.7	0.4	0.6
1966	0.8	0.7	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.8	1.2	0.9	0.7
1967	0.6	0.8	0.8	0.7	0.7	0.7	0.4	0.6	1.0	0.7	0.5	0.8	0.7
1968	1.0	0.8	0.4	0.6	0.4	0.3	0.2	0.2	0.2	0.4	0.4	0.5	0.4
1969	0.9	1.0	0.6	0.6	0.6	0.5	0.3	0.5	0.8	1.1	0.7	0.6	0.7
1970	0.5	1.0	0.7	0.7	0.6	0.6	0.4	0.4	0.4	1.1	1.0	0.7	0.7
1971	0.6	0.6	0.6	0.5	0.5	0.3	0.5	0.7	0.9	1.2	1.0	1.1	0.7
1972	0.7	0.9	0.7	0.5	1.0	0.6	0.4	0.5	0.8	1.1	0.8	0.7	0.7
1973	0.7	1.1	0.9	0.5	0.5	0.5	0.2	0.3	0.4	0.8	0.4	0.9	0.6
1974	0.6	0.6	0.6	0.4	0.3	0.3	0.2	0.3	0.5	0.6	0.5	0.5	0.5
1975	0.7	0.7	0.6	0.5	0.3	0.3	0.7	0.2	0.6	0.6	0.6	0.8	0.6
MEAN	0.7	0.8	0.7	0.6	0.6	0.5	0.4	0.5	0.7	1.0	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 85

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.9	2.0	1.8	2.3	2.4	2.1	1.3	1.8	2.7	4.0	3.1	2.0	
1957	2.3	2.5	2.2	2.0	2.2	2.5	1.5	2.3	2.0	3.4	2.2	2.1	
1958	2.2	2.0	2.5	2.7	2.1	1.3	0.9	2.0	2.6	4.9	2.5	3.0	
1959	2.2	2.1	2.5	2.1	1.1	1.0	1.9	1.5	2.0	2.6	2.1	2.4	
1960	3.4	3.9	2.5	2.0	2.2	1.9	2.2	2.3	2.1	2.1	2.8	2.6	
1961	2.2	3.2	2.7	2.5	2.1	2.2	1.3	2.0	2.9	3.7	2.2	2.0	
1962	2.6	2.3	5.3	2.2	1.6	2.7	2.2	2.2	2.4	2.5	4.7	3.9	
1963	2.0	3.4	1.9	2.4	2.0	2.6	1.3	1.0	2.9	3.3	2.2	1.9	
1964	2.7	2.4	2.4	2.3	3.1	1.4	1.6	2.1	3.5	2.9	2.3	2.1	
1965	3.0	2.5	1.7	1.9	1.1	2.2	1.6	1.1	2.2	3.0	1.8	1.8	
1966	3.0	2.2	2.4	1.5	2.0	3.0	1.2	1.9	2.4	2.6	2.5	2.5	
1967	2.3	2.4	1.9	2.1	2.6	2.2	1.5	1.5	2.4	1.7	2.3	2.4	
1968	3.6	3.0	1.7	1.7	2.4	1.0	0.8	1.2	0.8	1.5	2.2	1.7	
1969	3.5	3.6	2.9	1.7	1.5	1.6	1.1	1.2	2.7	2.7	3.4	2.7	
1970	2.4	2.6	2.2	2.2	2.1	2.3	1.2	2.2	1.3	3.5	2.7	2.6	
1971	2.1	2.2	2.7	1.9	2.1	1.3	2.5	2.5	3.1	3.2	1.8	2.8	
1972	2.4	2.8	1.9	2.1	3.5	2.5	2.0	2.0	2.3	2.8	2.5	2.1	
1973	2.4	4.1	2.9	2.2	1.7	1.7	0.7	1.0	1.9	2.2	1.6	3.6	
1974	2.2	2.6	2.3	1.3	1.6	1.2	0.7	1.2	2.0	1.9	2.8	2.8	
1975	2.9	2.5	3.1	2.2	1.0	2.2	3.7	0.9	2.1	2.4	3.1	2.2	

LARGEST HS(METRES) FOR STATION 85 = 5.3

STATION 86 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 12.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	378	528	1473	135	634	879	574	75	18	248	3334
0.50 - 0.99	.	633	169	771	58	920	530	111	182	704	5116
1.00 - 1.49	.	.	.	82	147	338	391	322	150	800	3188
1.50 - 1.99	.	.	.	1	299	251	124	106	172	412	1446
2.00 - 2.49	66	395	186	78	59	114	899
2.50 - 2.99	1	53	174	65	39	78	410
3.00 - 3.49	10	58	17	42	149
3.50 - 3.99	3	5	27	47
4.00 - 4.49	11	11
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	378	1161	1642	989	1205	2836	2389	718	851	2465	

AVERAGE HS(M) = 1.05 LARGEST HS(M) = 4.94 ANGLE CLASS % = 14.7

STATION 86 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 12.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	438	655	8	879	595	1442	388	23	25	1	3574
0.50 - 0.99	.	492	1911	1095	73	2813	1398	203	61	0	5081
1.00 - 1.49	.	.	181	32	350	1707	1146	203	78	0	3777
1.50 - 1.99	37	158	210	275	50	11	1133
2.00 - 2.49	5	39	37	13	3	80
2.50 - 2.99	5	.	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	438	1147	2100	2006	2119	7121	3678	878	311	42	

AVERAGE HS(M) = 0.96 LARGEST HS(M) = 3.41 ANGLE CLASS % = 19.9

STATION 86 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 12.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	836	2031	2710	4649	2101	385	.	.	.	.	12712
0.50 - 0.99	.	111	1187	1240	742	492	.	.	.	.	3692
1.00 - 1.49	.	.	5	44	61	3	.	.	.	.	113
1.50 - 1.99	1	.	.	.	.	.	1
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	836	2142	3822	5933	2905	880	0	0	0	0	

AVERAGE HS(M) = 0.31 LARGEST HS(M) = 1.73 ANGLE CLASS % = 16.5

MEAN HS(METRES) BY MONTH AND YEAR

STATION 86

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.8	0.7	0.6	0.8	0.7	0.9	0.7	0.5	0.8	1.5	1.5	0.8	0.8
1957	0.6	0.9	0.8	0.5	0.6	0.7	0.5	0.7	0.7	1.0	0.7	0.7	0.7
1958	0.5	0.4	0.7	0.9	0.6	0.5	0.4	0.6	0.6	1.4	0.7	0.8	0.7
1959	0.4	0.7	0.7	0.7	0.5	0.3	0.7	0.4	0.7	0.8	0.9	0.7	0.6
1960	0.5	0.8	0.7	0.7	0.9	0.7	0.5	0.6	0.9	0.7	0.7	0.5	0.7
1961	0.5	0.8	1.0	0.7	0.7	0.7	0.4	0.6	0.8	0.8	0.5	0.4	0.7
1962	0.8	0.8	1.0	0.6	0.6	0.7	0.7	0.6	0.6	0.7	1.2	1.2	0.8
1963	0.7	1.1	0.6	0.4	0.7	0.5	0.4	0.3	1.0	1.0	0.5	0.4	0.6
1964	0.7	0.5	0.6	0.8	0.7	0.5	0.6	0.6	1.3	1.6	1.3	1.0	0.8
1965	0.8	0.8	0.6	0.5	0.5	0.6	0.5	0.4	0.8	1.0	0.6	0.4	0.6
1966	0.7	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.8	1.2	0.8	0.7
1967	0.6	0.7	0.9	0.6	0.7	0.7	0.5	0.7	0.9	0.6	0.5	0.7	0.7
1968	0.9	0.7	0.4	0.5	0.4	0.3	0.3	0.2	0.2	0.4	0.4	0.4	0.4
1969	0.8	0.9	0.6	0.6	0.6	0.5	0.4	0.6	0.8	1.1	0.6	0.5	0.7
1970	0.4	1.1	0.7	0.7	0.6	0.6	0.5	0.5	0.5	1.1	1.0	0.6	0.7
1971	0.6	0.6	0.6	0.5	0.6	0.3	0.6	0.7	0.9	1.2	0.9	1.1	0.7
1972	0.7	0.9	0.7	0.5	1.0	0.6	0.5	0.5	0.7	1.1	0.8	0.7	0.7
1973	0.7	1.0	0.9	0.6	0.5	0.5	0.2	0.3	0.4	0.7	0.4	1.0	0.6
1974	0.6	0.6	0.6	0.5	0.4	0.4	0.2	0.3	0.4	0.5	0.5	0.5	0.5
1975	0.6	0.7	0.6	0.4	0.3	0.4	0.7	0.2	0.6	0.6	0.6	0.8	0.5
MEAN	0.7	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.7	0.9	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 86

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.7	2.0	1.6	2.3	2.2	2.0	1.3	1.6	2.8	3.9	3.0	1.9
1957	2.2	2.6	2.1	2.0	2.1	2.5	1.5	2.2	2.0	3.5	2.4	2.3
1958	2.4	2.1	2.5	2.7	2.2	1.4	1.1	1.8	2.8	4.7	2.4	3.1
1959	1.9	2.3	2.6	2.0	1.3	1.0	1.8	1.5	2.0	2.6	1.8	2.1
1960	3.4	3.8	2.5	2.0	2.1	1.7	2.3	2.3	2.1	1.8	2.5	2.7
1961	2.0	3.2	2.8	2.5	2.1	2.3	1.3	2.0	2.7	3.3	2.3	1.9
1962	2.4	2.2	4.9	2.3	1.5	2.6	2.2	2.3	2.3	2.4	4.7	3.8
1963	2.0	3.4	1.8	2.4	1.9	2.7	1.3	0.9	2.7	3.4	2.3	2.2
1964	2.6	2.6	2.5	2.3	3.0	1.5	1.5	2.1	3.4	2.8	2.3	1.8
1965	2.7	2.4	1.6	1.8	1.1	2.2	1.5	1.2	2.2	3.0	1.7	1.5
1966	3.0	2.5	2.4	1.7	2.1	2.9	1.4	1.8	2.5	2.4	2.7	2.5
1967	2.2	2.4	1.7	1.9	2.5	2.2	1.7	1.6	2.4	1.6	2.1	2.5
1968	3.3	2.7	1.9	1.8	2.3	1.1	0.9	1.1	0.8	1.6	2.2	1.9
1969	3.4	3.4	2.7	1.6	1.6	1.7	1.4	1.4	2.6	2.5	3.4	2.7
1970	2.5	3.2	2.2	2.1	2.1	2.2	1.3	2.3	1.1	3.2	2.7	2.6
1971	2.0	2.3	2.7	1.9	2.1	1.3	2.5	2.7	3.1	3.0	2.0	2.7
1972	2.1	2.8	1.9	2.1	3.3	2.6	2.2	1.7	2.0	2.8	2.4	2.2
1973	2.3	3.5	2.6	2.3	1.9	1.7	0.7	1.3	1.8	2.2	1.7	3.6
1974	2.1	2.7	2.4	1.6	1.5	1.4	0.6	1.2	1.8	1.7	2.6	2.9
1975	2.6	2.5	2.9	2.0	0.9	1.8	3.1	0.9	2.0	2.2	2.6	2.2

LARGEST HS(METRES) FOR STATION 86 = 4.9

STATION 87 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 8.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	1663	4156	4666	3379	1163	677	8	.	.	.	15712	
0.5-0.99	.	373	2630	2056	831	910	1	.	.	.	6801	
1.0-1.49	.	.	17	152	167	34	.	.	.	.	370
1.5-1.99	6	.	.	.	.	.	6	
2.0-2.49	0	
2.5-2.99	0	
3.0-3.49	0	
3.5-3.99	0	
4.0-4.49	0	
4.5-4.99	0	
5.0-5.00	0	
TOTAL	1663	4529	7313	5587	2167	1621	9	0	0	0	0	

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 1.67 ANGLE CLASS % = 22.9

STATION 87 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 8.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	549	662			2446	2431	2048	179	116	94	8525	
0.5-0.99		576	1466	381	145	1030	1175	165	241	239	5418	
1.0-1.49			136	874	549	778	236	90	100	80	2843	
1.5-1.99				41	272	485	142	18	13	15	986	
2.0-2.49					46	172	56	20	6	3	303	
2.5-2.99					1	20	10	5	1		37	
3.0-3.49											0	
3.5-3.99											0	
4.0-4.49											0	
4.5-4.99											0	
5.0-5.00											0	
TOTAL	549	1238	1602	1296	3459	4916	3667	477	477	431	0	

AVERAGE HS(M) = 0.67 LARGEST HS(M) = 2.84 ANGLE CLASS % = 18.1

STATION 87 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 8.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

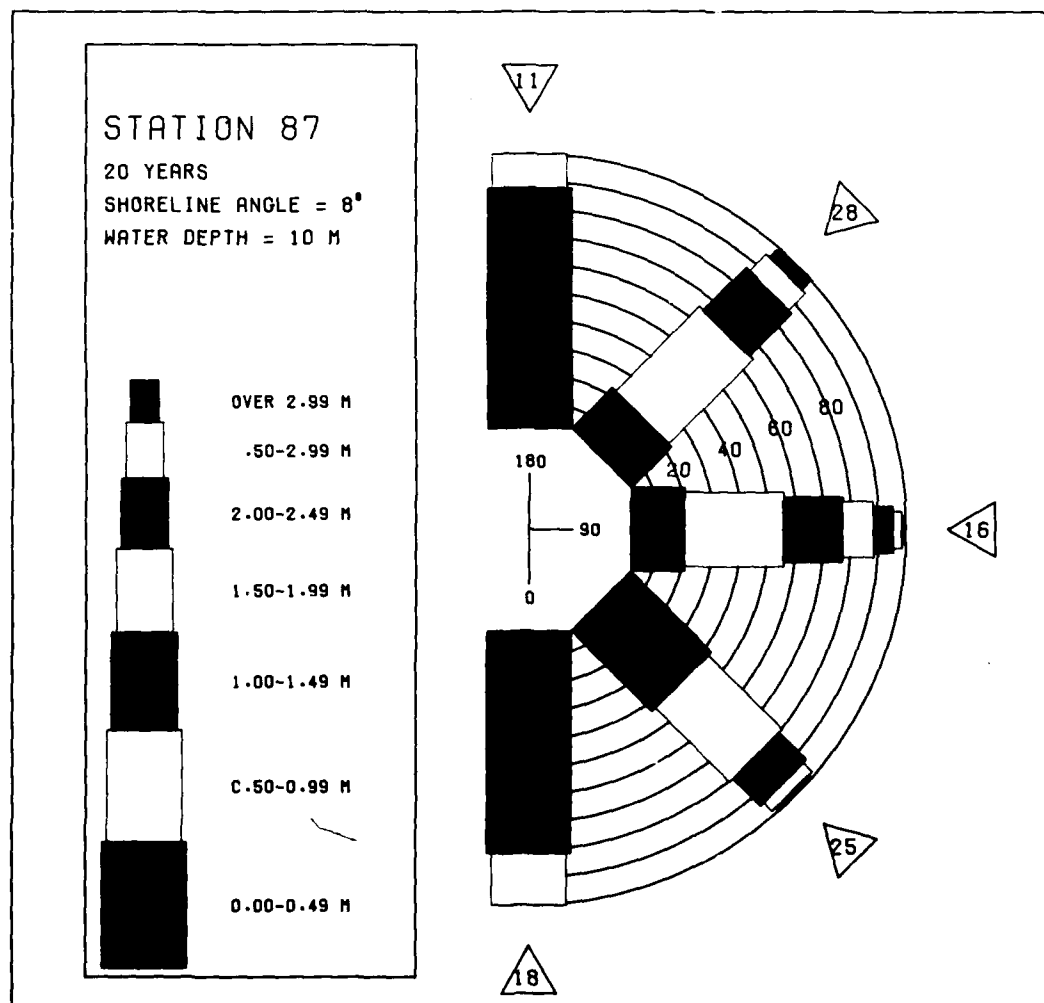
HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	289	355	956	49	78	6	1	.	6	118	853	
0.5-0.99	.	362	142	528	71	54	1	.	71	88	1581	
1.0-1.49	.	.	.	49	170	220	77	1	66	49	920	
1.5-1.99	54	170	60	.	10	8	404	
2.0-2.49	32	9	.	3	.	269	
2.5-2.99	15	.	.	100	
3.0-3.49	6	.	.	6	
3.5-3.99	0	
4.0-4.49	0	
4.5-4.99	0	
5.0-5.00	0	
TOTAL	289	717	1098	626	449	368	160	27	164	263	0	

AVERAGE HS(M) = 1.02 LARGEST HS(M) = 3.61 ANGLE CLASS % = 4.2

STATION 87 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 8.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	403	809	672	806	651	555	315	24	27	47	4309
0.50 - 0.99	.	258	1010	703	154	490	351	66	47	110	3189
1.00 - 1.49	.	.	78	525	168	156	166	69	53	84	1299
1.50 - 1.99	.	.	.	36	131	131	85	35	40	71	529
2.00 - 2.49	26	116	49	11	18	15	254
2.50 - 2.99	15	34	6	5	5	79
3.00 - 3.49	2	1	4	1	17
3.50 - 3.99	8
4.00 - 4.49	1
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	403	1067	1760	2070	1130	1466	1002	221	198	369	

AVE HS(M) = 0.68 LARGEST HS(M) = 5.06 TOTAL CASES = 58440



AD-A129 642

ATLANTIC COAST HINDCAST SHALLOW-WATER SIGNIFICANT WAVE
INFORMATION(U) ARMY ENGINEER WATERWAYS EXPERIMENT
STATION VICKSBURG MS HYDRAULICS LAB R E JENSEN JAN 83

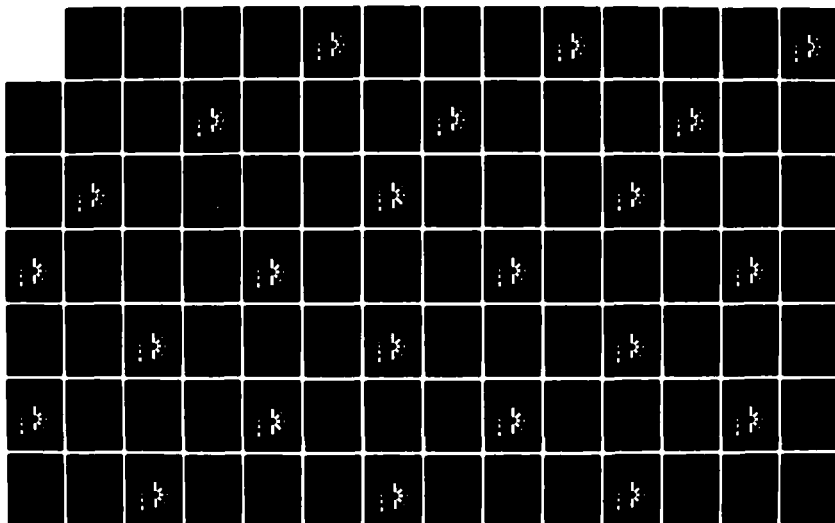
58

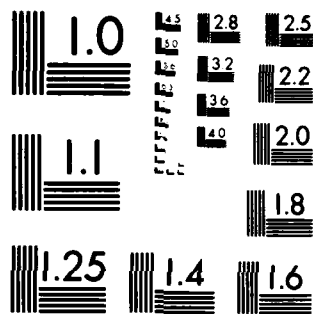
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

MEAN HS(METRES) BY MONTH AND YEAR

STATION 87

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.7	0.6	0.6	0.7	0.8	0.5	0.5	0.8	1.6	1.6	0.8	0.8
1957	0.7	0.9	0.8	0.5	0.7	0.6	0.5	0.6	0.6	1.1	0.7	0.7	0.7
1958	0.6	0.4	0.7	0.9	0.6	0.5	0.4	0.6	0.6	1.4	0.7	0.9	0.7
1959	0.5	0.8	0.7	0.6	0.5	0.3	0.6	0.4	0.8	0.9	0.9	0.7	0.6
1960	0.6	0.8	0.7	0.6	0.7	0.7	0.6	0.6	0.9	0.7	0.7	0.6	0.7
1961	0.5	0.8	0.9	0.6	0.8	0.6	0.3	0.6	0.8	1.0	0.6	0.4	0.7
1962	0.8	0.9	1.1	0.6	0.6	0.7	0.8	0.7	0.7	0.7	1.2	1.5	0.9
1963	0.7	1.1	0.6	0.4	0.7	0.5	0.3	0.4	1.0	1.2	0.5	0.5	0.7
1964	0.7	0.5	0.6	0.7	0.7	0.5	0.6	0.7	1.3	2.0	1.6	1.3	0.9
1965	0.9	0.8	0.7	0.6	0.4	0.6	0.5	0.4	0.8	1.0	0.7	0.4	0.7
1966	0.8	0.8	0.6	0.5	0.7	0.7	0.5	0.6	0.6	0.9	1.1	0.9	0.7
1967	0.6	0.7	0.8	0.6	0.7	0.9	0.5	0.7	1.0	0.7	0.5	0.7	0.7
1968	1.0	0.7	0.4	0.5	0.4	0.3	0.2	0.2	0.2	0.4	0.3	0.4	0.4
1969	0.8	1.0	0.6	0.6	0.7	0.5	0.4	0.7	0.9	1.1	0.9	0.5	0.7
1970	0.6	1.0	0.7	0.7	0.6	0.6	0.6	0.5	0.4	1.2	0.9	0.6	0.7
1971	0.6	0.6	0.6	0.5	0.5	0.3	0.6	0.7	0.9	1.2	0.8	1.2	0.7
1972	0.7	0.9	0.7	0.6	1.0	0.7	0.5	0.6	0.7	1.1	0.8	0.7	0.8
1973	0.7	1.1	1.0	0.5	0.5	0.5	0.2	0.3	0.4	0.8	0.4	1.0	0.6
1974	0.6	0.7	0.6	0.5	0.3	0.3	0.2	0.3	0.5	0.6	0.5	0.5	0.5
1975	0.6	0.9	0.6	0.4	0.3	0.4	0.7	0.2	0.6	0.6	0.6	0.7	0.6
MEAN	0.7	0.8	0.7	0.6	0.6	0.5	0.5	0.5	0.7	1.0	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 87

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	3.0	2.1	1.7	2.4	2.3	2.1	1.2	1.5	2.4	4.4	3.1	1.8	
1957	2.4	2.8	2.3	2.2	2.2	2.6	1.5	2.4	2.4	3.1	2.2	2.2	
1958	2.3	2.2	2.4	3.0	2.1	1.3	0.9	2.0	2.1	3.9	2.5	2.9	
1959	1.7	2.3	2.3	2.4	1.3	1.0	2.1	1.4	2.2	2.7	2.0	2.4	
1960	3.1	3.6	2.5	2.1	2.1	1.5	1.9	2.2	2.1	2.3	2.3	2.7	
1961	2.0	3.2	2.7	2.4	2.1	2.0	1.5	1.8	2.8	2.8	2.1	2.2	
1962	2.5	2.4	5.1	2.1	1.3	2.6	2.4	2.2	2.5	2.8	4.6	4.2	
1963	2.0	3.1	2.0	2.4	1.9	2.6	0.9	1.0	2.5	3.5	2.1	2.6	
1964	2.9	2.2	2.1	2.3	3.1	2.0	1.4	2.2	3.0	3.0	2.6	2.4	
1965	3.0	2.5	2.0	1.6	1.0	2.1	2.2	1.3	2.3	3.0	1.5	1.5	
1966	3.2	2.5	2.2	1.5	1.7	3.1	1.5	1.7	2.4	2.6	2.2	2.5	
1967	2.2	2.5	1.5	2.0	2.4	2.6	1.4	1.5	2.4	1.6	1.9	2.6	
1968	3.1	2.6	2.0	1.5	2.2	0.9	0.8	1.2	0.7	1.7	1.6	2.2	
1969	2.6	3.4	2.6	1.5	2.1	1.5	1.3	1.4	2.4	2.6	3.6	2.7	
1970	2.7	2.5	2.3	2.0	2.0	2.5	1.4	2.2	1.1	3.3	2.8	2.7	
1971	2.2	2.2	2.9	2.5	2.2	1.3	2.4	2.3	3.3	3.3	2.3	2.9	
1972	2.3	2.8	2.0	1.8	3.3	2.4	2.0	1.6	2.0	2.5	2.6	2.3	
1973	2.6	3.9	2.7	2.0	2.0	1.6	0.8	1.0	1.7	2.0	1.8	3.6	
1974	2.3	2.5	2.3	1.6	1.4	1.3	0.8	1.0	2.4	2.2	2.3	2.7	
1975	2.4	2.6	2.6	1.9	0.9	1.8	3.1	0.9	2.2	2.0	2.5	2.1	

LARGEST HS(METRES) FOR STATION 87 = 5.1

MEAN HS(METRES) BY MONTH AND YEAR

STATION 88

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	1.1	0.9	1.1	0.7	0.8	1.1	0.6	0.6	0.7	0.5	0.8	0.8
1957	0.8	0.9	0.7	0.8	0.6	0.7	0.8	0.6	0.5	0.5	1.0	0.9	0.7
1958	0.6	0.8	0.7	0.9	0.7	0.8	0.9	0.8	0.6	0.5	0.6	0.5	0.7
1959	0.7	0.9	1.0	0.8	0.8	0.6	0.8	0.7	0.5	0.9	0.6	0.7	0.7
1960	0.7	1.0	0.8	1.1	1.0	0.8	1.0	0.7	0.6	0.4	0.5	0.5	0.8
1961	0.7	1.1	1.2	1.3	0.9	1.1	0.8	0.8	0.4	0.4	0.4	0.9	0.8
1962	0.8	0.9	0.6	1.1	0.5	0.7	1.1	0.8	0.6	0.6	0.9	0.8	0.8
1963	0.8	1.0	1.1	0.8	0.7	0.9	0.7	0.5	0.4	0.5	0.7	0.6	0.7
1964	0.9	0.9	1.0	0.9	0.7	0.7	1.0	0.9	0.7	1.0	1.0	1.1	0.9
1965	0.8	1.0	1.0	0.8	0.7	0.8	0.8	0.7	0.5	0.8	0.6	0.4	0.7
1966	0.7	0.9	0.8	0.9	0.8	0.7	0.9	0.9	1.0	0.6	0.6	0.6	0.8
1967	0.7	0.8	0.7	0.8	1.0	0.8	1.2	1.0	0.6	0.5	0.6	0.8	0.8
1968	0.5	0.3	0.8	0.3	0.5	0.4	0.3	0.2	0.1	0.4	0.6	0.6	0.4
1969	0.5	0.6	0.7	0.8	0.7	0.6	0.7	0.9	0.5	0.5	1.2	0.9	0.7
1970	0.5	1.3	1.2	0.9	0.6	0.8	0.9	0.9	0.4	0.7	0.7	0.8	0.8
1971	0.8	1.1	0.9	0.9	0.9	0.5	0.9	0.7	0.7	1.4	0.9	1.1	0.9
1972	0.9	0.9	1.0	1.0	0.9	0.9	0.9	0.9	0.3	0.6	0.8	0.8	0.8
1973	0.8	0.7	1.0	1.1	0.9	0.7	0.3	0.4	0.3	0.4	0.8	1.5	0.7
1974	0.8	0.9	0.8	1.0	0.5	0.3	0.2	0.2	0.2	0.2	0.4	0.7	0.5
1975	0.7	0.9	0.8	0.5	0.2	0.4	0.7	0.3	0.4	0.3	0.4	0.5	0.5
MEAN	0.7	0.9	0.9	0.9	0.7	0.7	0.8	0.7	0.5	0.6	0.7	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 88

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.2	2.5	2.4	3.3	1.4	2.2	2.1	1.4	2.6	2.9	1.7	2.3
1957	2.2	2.7	2.2	2.6	2.1	2.2	1.8	2.1	1.9	3.1	2.6	2.6
1958	3.0	2.9	2.3	2.8	2.8	2.2	1.8	2.5	3.0	2.2	2.0	2.7
1959	3.1	2.5	3.0	2.4	2.0	2.0	2.1	2.0	2.4	2.2	2.5	2.5
1960	2.2	3.1	2.9	2.6	2.1	1.8	3.1	1.9	2.6	2.4	2.2	2.7
1961	2.5	3.1	2.6	2.9	2.4	2.3	1.8	2.2	2.4	2.1	2.3	2.4
1962	3.1	2.7	2.8	3.2	1.4	2.6	2.3	2.4	2.1	1.4	3.0	2.3
1963	2.5	2.6	2.7	2.5	2.5	2.6	2.0	1.9	2.5	2.1	2.6	2.7
1964	2.8	3.0	2.7	2.4	2.0	2.4	2.4	2.3	2.6	3.1	2.7	2.8
1965	2.7	3.1	2.4	2.5	1.7	2.0	2.0	1.9	1.3	2.5	2.1	2.0
1966	3.0	3.6	2.7	2.3	2.3	2.6	1.9	2.1	2.5	2.2	2.5	2.5
1967	2.6	2.4	2.7	2.1	2.8	1.9	2.4	2.1	2.3	2.3	2.6	3.1
1968	2.6	2.3	3.2	2.2	2.1	1.4	1.0	0.8	0.5	1.8	2.5	3.1
1969	2.4	2.1	2.7	2.7	2.5	1.6	2.0	2.3	2.6	2.0	3.7	2.8
1970	2.3	3.7	2.8	2.6	2.5	2.1	2.3	2.2	1.8	2.6	2.1	2.8
1971	3.1	2.8	2.6	2.8	2.7	1.3	2.1	3.0	3.1	3.4	2.6	2.6
1972	2.5	3.1	2.5	2.3	2.3	3.1	2.1	2.1	2.1	2.2	3.0	2.5
1973	2.6	3.4	3.6	2.9	2.5	1.7	1.1	2.0	2.1	2.6	3.6	3.9
1974	2.4	3.2	2.3	2.7	2.6	1.3	0.9	0.9	0.9	1.5	1.9	3.0
1975	2.6	2.9	2.8	2.5	1.0	1.2	2.1	0.9	1.7	2.1	2.2	3.3

LARGEST HS(METRES) FOR STATION 88 = 3.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 89

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	1.0	0.7	0.9	0.6	0.8	1.0	0.5	0.5	0.8	0.5	0.7	0.7
1957	0.7	0.8	0.6	0.7	0.6	0.6	0.8	0.6	0.5	0.6	0.9	0.8	0.7
1958	0.5	0.6	0.5	0.9	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.5	0.6
1959	0.5	0.8	0.9	0.7	0.7	0.5	0.8	0.6	0.6	0.8	0.6	0.6	0.7
1960	0.6	0.9	0.7	1.0	0.9	0.7	1.0	0.7	0.6	0.4	0.5	0.4	0.7
1961	0.6	0.9	1.2	1.0	0.9	1.0	0.6	0.8	0.4	0.4	0.4	0.8	0.7
1962	0.7	0.8	0.6	1.0	0.4	0.7	1.0	0.8	0.5	0.5	0.8	0.7	0.7
1963	0.7	1.0	1.0	0.7	0.7	0.8	0.6	0.4	0.5	0.6	0.6	0.5	0.7
1964	0.8	0.7	0.9	0.9	0.6	0.7	0.9	0.8	0.7	1.0	0.9	1.0	0.8
1965	0.7	0.9	0.9	0.8	0.6	0.7	0.8	0.6	0.5	0.8	0.6	0.4	0.7
1966	0.6	0.8	0.7	0.8	0.8	0.7	0.9	0.9	0.9	0.6	0.5	0.6	0.7
1967	0.6	0.7	0.7	0.6	0.9	0.9	1.1	1.0	0.6	0.5	0.5	0.8	0.7
1968	0.5	0.2	0.7	0.3	0.4	0.4	0.3	0.2	0.1	0.3	0.4	0.5	0.4
1969	0.5	0.4	0.6	0.8	0.7	0.6	0.6	0.9	0.5	0.5	1.2	0.8	0.7
1970	0.4	1.2	1.1	0.8	0.6	0.8	0.9	0.8	0.4	0.8	0.6	0.6	0.7
1971	0.7	1.0	0.7	0.7	0.9	0.4	0.8	0.7	0.8	1.4	0.8	1.1	0.8
1972	0.9	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.3	0.7	0.8	0.7	0.8
1973	0.7	0.6	0.9	0.9	0.8	0.6	0.2	0.3	0.3	0.4	0.7	1.4	0.7
1974	0.7	0.8	0.7	0.9	0.5	0.3	0.2	0.2	0.2	0.3	0.3	0.6	0.5
1975	0.6	1.0	0.7	0.4	0.2	0.4	0.7	0.3	0.5	0.4	0.4	0.5	0.5
MEAN	0.6	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.5	0.6	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 89

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.0	2.4	2.0	3.1	1.4	2.2	2.0	1.4	2.6	2.9	1.3	2.0
1957	2.1	2.8	2.2	2.5	2.1	2.0	1.7	2.1	2.1	3.1	2.4	2.5
1958	3.0	2.6	2.4	2.7	2.7	2.1	1.5	2.5	2.9	2.3	2.0	2.8
1959	2.7	2.4	2.8	2.3	1.9	1.8	2.2	1.8	2.5	2.0	2.3	2.4
1960	2.3	3.0	2.7	2.5	2.0	1.7	2.9	1.7	2.6	2.0	2.1	2.5
1961	2.5	3.1	2.6	2.8	2.4	2.2	1.7	2.2	2.3	2.2	2.3	2.2
1962	3.0	2.5	2.5	3.1	1.2	2.3	2.0	2.3	2.3	1.4	3.0	2.1
1963	2.3	2.5	2.5	2.4	2.3	2.6	1.9	1.5	2.5	2.4	2.5	2.7
1964	2.8	3.0	2.5	2.3	2.1	2.4	2.4	2.2	2.3	3.1	2.6	2.8
1965	2.5	3.0	2.4	2.5	1.7	1.7	1.5	1.9	1.5	2.4	1.7	1.8
1966	3.0	3.3	2.5	2.0	2.3	2.6	1.7	2.1	2.5	2.1	2.3	2.5
1967	2.5	2.2	2.6	2.1	2.5	2.1	2.3	2.0	2.2	1.9	2.5	3.1
1968	2.7	2.2	3.1	2.0	2.1	1.2	0.9	0.6	0.5	1.8	2.3	2.9
1969	2.4	2.0	2.5	2.5	2.3	1.5	1.9	2.0	2.6	2.0	3.7	2.7
1970	2.2	3.6	2.8	2.5	2.5	2.0	2.3	2.2	1.5	2.7	2.3	2.8
1971	2.8	2.6	2.6	2.8	2.6	1.2	2.0	2.9	3.1	3.4	2.6	2.4
1972	2.4	3.0	2.5	2.2	2.3	2.9	2.1	1.9	1.9	2.1	3.0	2.5
1973	2.6	3.3	3.3	2.9	2.3	1.5	1.0	1.6	1.7	2.4	3.3	3.9
1974	2.1	3.1	2.2	2.6	2.6	1.2	0.7	0.8	0.9	1.5	1.7	3.0
1975	2.6	2.6	2.7	2.5	0.9	1.2	2.0	0.7	1.7	2.0	2.0	3.0

LARGEST HS(METRES) FOR STATION 89 = 3.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 90

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	1.0	0.7	0.9	0.7	0.9	1.0	0.6	0.6	1.0	0.6	0.7	0.7
1957	0.7	0.9	0.7	0.7	0.6	0.7	0.8	0.7	0.6	0.8	0.9	0.8	0.7
1958	0.5	0.6	0.6	0.9	0.7	0.8	0.8	0.8	0.6	0.7	0.6	0.6	0.7
1959	0.5	0.9	0.9	0.7	0.7	0.5	0.8	0.6	0.6	0.9	0.7	0.7	0.7
1960	0.6	0.9	0.7	0.9	0.9	0.8	1.0	0.7	0.7	0.4	0.5	0.5	0.7
1961	0.6	0.9	1.2	1.0	0.9	1.0	0.7	0.8	0.5	0.5	0.4	0.8	0.8
1962	0.7	0.9	0.7	0.9	0.5	0.7	1.0	0.8	0.6	0.6	0.9	0.8	0.8
1963	0.7	1.1	1.0	0.7	0.7	0.8	0.6	0.5	0.6	0.8	0.6	0.5	0.7
1964	0.8	0.6	0.9	0.9	0.7	0.7	0.9	0.9	0.9	1.4	1.3	1.3	0.9
1965	0.9	1.1	1.1	0.9	0.6	0.7	0.8	0.6	0.6	0.9	0.6	0.4	0.8
1966	0.7	0.9	0.8	0.8	0.8	0.7	0.9	0.9	0.9	0.7	0.7	0.6	0.8
1967	0.6	0.7	0.7	0.7	0.9	1.0	1.1	1.0	0.7	0.6	0.5	0.7	0.8
1968	0.6	0.3	0.6	0.3	0.4	0.4	0.3	0.2	0.2	0.4	0.4	0.5	0.4
1969	0.5	0.5	0.6	0.8	0.7	0.6	0.6	0.9	0.6	0.6	1.2	0.7	0.7
1970	0.5	1.2	1.0	0.8	0.6	0.8	0.9	0.8	0.4	0.9	0.7	0.6	0.8
1971	0.7	1.0	0.7	0.7	0.8	0.4	0.8	0.7	0.8	1.5	1.0	1.3	0.9
1972	0.9	0.8	0.9	0.9	1.0	0.9	0.8	0.8	0.3	0.8	0.8	0.7	0.8
1973	0.7	0.7	0.9	0.9	0.8	0.6	0.3	0.4	0.3	0.5	0.6	1.4	0.7
1974	0.7	0.7	0.7	0.9	0.5	0.3	0.2	0.2	0.3	0.4	0.3	0.6	0.5
1975	0.6	1.1	0.6	0.4	0.2	0.4	0.7	0.3	0.5	0.4	0.4	0.5	0.5
MEAN	0.6	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 90

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.8	2.3	1.9	2.8	1.6	1.9	1.8	1.6	2.6	2.9	1.6	2.0
1957	2.0	2.9	2.2	2.5	2.1	2.2	1.6	2.1	2.5	3.0	2.3	2.5
1958	2.9	2.5	2.4	2.7	2.7	2.0	1.5	2.5	2.8	2.5	2.1	2.9
1959	2.3	2.4	2.7	2.2	1.7	1.8	2.2	1.8	2.5	2.2	2.3	2.2
1960	2.5	2.8	2.4	2.4	2.0	1.6	2.7	1.5	2.5	1.7	1.9	2.6
1961	2.4	3.1	3.1	2.7	2.5	2.2	1.6	2.2	2.3	2.2	2.2	2.2
1962	2.8	2.4	2.3	2.9	1.2	2.1	2.1	2.3	2.4	1.9	3.3	2.4
1963	2.3	2.4	2.3	2.3	2.0	2.5	1.3	1.5	2.4	2.8	2.5	2.6
1964	2.8	2.9	2.3	2.2	2.6	2.4	2.1	2.0	2.4	3.0	2.6	2.6
1965	2.4	2.9	2.4	2.4	1.5	1.7	1.5	1.7	1.7	2.4	1.7	1.7
1966	3.0	3.2	2.4	2.0	2.2	2.7	1.5	1.9	2.5	2.0	2.3	2.5
1967	2.4	2.1	2.3	2.1	2.2	2.3	2.2	2.0	2.2	1.8	2.3	2.9
1968	2.9	2.2	2.9	1.9	2.1	1.2	0.9	0.8	0.5	1.8	2.3	2.7
1969	2.4	2.2	2.5	2.4	2.3	1.5	1.9	1.9	2.6	2.0	3.7	2.7
1970	2.3	3.5	2.8	2.4	2.4	1.9	2.1	2.2	1.4	2.7	2.5	2.8
1971	2.5	2.5	2.6	2.8	2.5	1.1	1.8	2.8	3.2	3.4	2.6	2.5
1972	2.3	3.0	2.5	2.3	2.5	2.8	2.1	1.8	1.8	2.1	3.0	2.3
1973	2.6	3.3	3.1	2.9	2.3	1.4	1.0	1.6	1.7	2.4	2.9	3.8
1974	1.9	2.9	2.2	2.5	2.4	1.2	0.8	0.8	1.2	1.8	2.0	2.9
1975	2.5	2.4	2.7	2.5	0.9	1.2	2.0	0.7	1.7	2.0	1.9	2.8

LARGEST HS(METRES) FOR STATION 90 = 3.8

STATION 91 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 52.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2063	3697	2488	1172	708	1310	73	6	5	.	11522
0.50 - 0.99	.	508	3506	2005	593	713	35	5	3	.	7368
1.00 - 1.49	.	.	75	414	294	20	.	.	.	.	803
1.50 - 1.99	.	.	.	1	13	.	.	.	.	.	14
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2063	4205	6069	3592	1608	2043	108	11	8	0	

AVERAGE HS(M) = 0.45 LARGEST HS(M) = 1.87 ANGLE CLASS % = 19.7

STATION 91 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 52.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	912	1213	.	.	1630	1350	886	167	27	1	6186
0.50 - 0.99	.	1054	3182	841	385	2927	1377	278	47	.	10094
1.00 - 1.49	.	.	396	1978	1273	310	1067	280	39	.	7348
1.50 - 1.99	.	.	.	82	641	1416	399	152	23	.	2803
2.00 - 2.49	.	.	.	1	75	468	227	97	11	.	146
2.50 - 2.99	23	61	54	.	.	11
3.00 - 3.49	11	.	.	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	912	2267	3578	2902	4005	8494	4184	1039	159	14	

AVERAGE HS(M) = 0.93 LARGEST HS(M) = 3.35 ANGLE CLASS % = 27.6

STATION 91 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 52.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	458	436	.	.	533	1356	865	47	59	203	3957
0.50 - 0.99	.	489	1036	56	42	1517	1353	107	343	112	5055
1.00 - 1.49	.	.	201	787	121	263	189	17	239	59	1876
1.50 - 1.99	.	.	.	49	272	159	6	25	186	39	736
2.00 - 2.49	70	314	25	3	15	13	440
2.50 - 2.99	82	100	11	8	5	206
3.00 - 3.49	6	13	.	.	27
3.50 - 3.99	6
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	458	925	1237	892	1038	3691	2544	223	866	431	

AVERAGE HS(M) = 0.81 LARGEST HS(M) = 3.84 ANGLE CLASS % = 12.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 91

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.9	0.7	0.9	0.7	0.8	0.9	0.5	0.5	0.9	0.6	0.6	0.7
1957	0.7	0.8	0.6	0.7	0.6	0.7	0.8	0.6	0.6	0.7	0.8	0.8	0.7
1958	0.5	0.6	0.5	0.8	0.7	0.7	0.8	0.8	0.6	0.6	0.6	0.5	0.6
1959	0.5	0.8	0.8	0.7	0.7	0.5	0.8	0.6	0.6	0.8	0.6	0.6	0.7
1960	0.6	0.9	0.6	0.9	0.9	0.7	0.9	0.7	0.6	0.4	0.4	0.4	0.7
1961	0.5	0.9	1.2	1.0	0.8	1.0	0.6	0.8	0.4	0.4	0.4	0.7	0.7
1962	0.7	0.8	0.6	0.9	0.4	0.7	1.0	0.8	0.5	0.6	0.9	0.8	0.7
1963	0.7	1.0	0.9	0.6	0.7	0.8	0.6	0.4	0.5	0.7	0.6	0.5	0.7
1964	0.7	0.6	0.9	0.9	0.6	0.7	0.9	0.8	0.8	1.4	1.3	1.3	0.9
1965	0.9	1.1	1.0	0.9	0.6	0.7	0.8	0.6	0.6	0.9	0.6	0.3	0.7
1966	0.6	0.8	0.7	0.8	0.8	0.7	0.8	0.9	0.9	0.6	0.6	0.6	0.7
1967	0.6	0.7	0.6	0.6	0.9	0.9	1.1	1.0	0.6	0.5	0.4	0.7	0.7
1968	0.5	0.2	0.6	0.3	0.4	0.4	0.3	0.2	0.1	0.3	0.4	0.5	0.3
1969	0.5	0.4	0.5	0.7	0.7	0.6	0.6	0.9	0.5	0.5	1.2	0.7	0.7
1970	0.4	1.2	1.0	0.7	0.6	0.8	0.9	0.8	0.4	0.8	0.7	0.6	0.7
1971	0.7	0.9	0.7	0.7	0.8	0.4	0.8	0.6	0.8	1.5	1.0	1.3	0.8
1972	0.8	0.7	0.8	0.8	1.0	0.9	0.8	0.8	0.3	0.7	0.7	0.7	0.8
1973	0.6	0.6	0.8	0.9	0.7	0.6	0.2	0.3	0.3	0.4	0.6	1.3	0.6
1974	0.6	0.7	0.7	0.8	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.5	0.4
1975	0.6	1.1	0.6	0.4	0.2	0.4	0.7	0.3	0.5	0.4	0.4	0.5	0.5
MEAN	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.7	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 91

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.8	2.3	1.9	2.8	1.5	1.9	1.8	1.7	2.6	2.9	1.5	2.0	
1957	2.0	2.9	2.2	2.5	2.0	2.1	1.6	2.1	2.4	3.0	2.3	2.5	
1958	2.9	2.5	2.4	2.7	2.6	1.9	1.5	2.5	2.8	2.5	2.1	2.9	
1959	2.3	2.4	2.7	2.2	1.7	1.6	2.2	1.8	2.5	2.2	2.1	2.2	
1960	2.5	2.8	2.4	2.3	1.9	1.6	2.7	1.5	2.5	1.7	1.9	2.6	
1961	2.3	3.1	3.1	2.7	2.5	2.2	1.5	2.2	2.2	2.2	2.2	2.2	
1962	2.8	2.4	2.3	2.9	1.2	2.1	2.1	2.3	2.3	1.7	3.1	2.6	
1963	2.3	2.4	2.3	2.3	2.0	2.5	1.3	1.2	2.4	2.9	2.5	2.4	
1964	2.8	2.9	2.3	2.2	2.5	2.4	2.1	2.0	2.3	3.0	2.6	2.6	
1965	2.4	2.9	2.4	2.4	1.5	1.7	1.5	1.7	1.5	2.3	1.7	1.7	
1966	3.0	3.1	2.4	1.9	2.2	2.7	1.5	1.9	2.5	2.0	2.3	2.5	
1967	2.4	2.1	2.3	2.1	2.2	2.2	2.2	2.0	2.2	1.6	2.3	2.8	
1968	2.9	2.2	2.9	1.9	2.1	1.2	0.9	0.7	0.5	1.8	2.1	2.7	
1969	2.4	2.1	2.5	2.4	2.3	1.5	1.9	1.9	2.6	2.0	3.7	2.7	
1970	2.3	3.4	2.8	2.4	2.4	1.9	2.1	2.2	1.4	2.8	2.4	2.8	
1971	2.4	2.5	2.7	2.8	2.5	1.1	1.8	2.8	3.2	3.4	2.6	2.5	
1972	2.3	2.9	2.5	2.3	2.3	2.8	2.1	1.7	1.7	2.1	2.9	2.3	
1973	2.6	3.3	3.1	2.8	2.3	1.4	0.9	1.6	1.6	2.3	2.9	3.8	
1974	1.9	2.9	2.2	2.4	2.4	1.2	0.7	0.8	1.1	1.7	1.9	2.9	
1975	2.4	2.4	2.7	2.3	0.9	1.2	2.0	0.7	1.6	2.0	1.9	2.8	

LARGEST HS(METRES) FOR STATION 91 = 3.8

STATION 92 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	2161	3896	2679	1173	672	1339	56	6	3	.	11985	
0.50 - 0.99	.	496	3598	2267	704	672	25	11	6	.	7759	
1.00 - 1.49	.	.	78	405	347	34	.	.	.	.	864
1.50 - 1.99	.	.	.	1	11	.	.	.	.	.	12
2.00 - 2.49	0	
2.50 - 2.99	0	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	2161	4392	6355	3866	1734	2045	81	17	9	0		

AVERAGE HS(M) = 0.46 LARGEST HS(M) = 1.84 ANGLE CLASS % = 20.7

STATION 92 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	838	1139	2927	764	1230	1346	968	213	22	1	5757	
0.50-0.99	.	1013	379	1827	1187	1366	1416	290	54	UNRECORDED	9905	
1.00-1.49	.	.	.	63	590	2205	1006	161	35	1	6905	
1.50-1.99	590	1314	448	128	17	1	2518	
2.00-2.49	82	436	205	61	13	.	818	
2.50-2.99	1	22	56	41	8	1	129	
3.00-3.49	1	5	.	.	6	
3.50-3.99	0	
4.00-4.49	0	
4.50-4.99	0	
5.00- GREATER	0	
TOTAL	838	2152	3306	2654	3456	8452	4100	1020	149	15		

AVERAGE HS(M) = 0.93 LARGEST HS(M) = 3.28 ANGLE CLASS % = 26.2

STATION 92 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	456	396			889	1384	833	51	54	200	4263	
0.50-0.99		458	983	66	47	1365	1360	112	340	118	4849	
1.00-1.49			196	749	107	183	164	17	237	65	1715	
1.50-1.99				47	266	100	6	22	188	30	659	
2.00-2.49				1	46	278	17	13	13	13	369	
2.50-2.99						75	85	13	5	5	183	
3.00-3.49							3		6		8	
3.50-3.99											0	
4.00-4.49											0	
4.50-4.99											0	
5.00- GREATER											0	
TOTAL	456	854	1179	860	1355	3385	2468	229	851	431		

AVERAGE HS(M) = 0.77 LARGEST HS(M) = 3.84 ANGLE CLASS % = 12.1

MEAN HS(METRES) BY MONTH AND YEAR

STATION 92

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.3	0.9	0.7	0.9	0.6	0.8	0.9	0.5	0.5	0.9	0.6	0.6	0.7
1957	0.7	0.8	0.6	0.6	0.6	0.6	0.8	0.6	0.6	0.7	0.8	0.7	0.7
1958	0.5	0.5	0.5	0.8	0.7	0.7	0.8	0.7	0.6	0.7	0.6	0.5	0.6
1959	0.5	0.8	0.8	0.7	0.7	0.5	0.8	0.6	0.6	0.8	0.6	0.6	0.7
1960	0.5	0.8	0.6	0.9	0.8	0.7	0.9	0.7	0.7	0.4	0.4	0.4	0.7
1961	0.5	0.9	1.2	0.9	0.8	1.0	0.6	0.8	0.4	0.4	0.4	0.7	0.7
1962	0.6	0.8	0.6	0.9	0.4	0.7	0.9	0.8	0.5	0.6	0.9	0.8	0.7
1963	0.7	1.1	0.9	0.6	0.7	0.8	0.6	0.4	0.5	0.8	0.6	0.5	0.7
1964	0.7	0.6	0.8	0.8	0.6	0.7	0.9	0.8	0.8	1.4	1.3	1.3	0.9
1965	0.9	1.1	1.0	0.8	0.6	0.7	0.7	0.5	0.6	0.9	0.6	0.3	0.7
1966	0.6	0.8	0.7	0.7	0.8	0.7	0.8	0.8	0.9	0.6	0.6	0.6	0.7
1967	0.6	0.7	0.6	0.6	0.9	1.0	1.0	1.0	0.6	0.5	0.4	0.7	0.7
1968	0.5	0.2	0.6	0.3	0.4	0.4	0.3	0.2	0.1	0.3	0.4	0.4	0.3
1969	0.5	0.4	0.5	0.7	0.7	0.6	0.6	0.9	0.5	0.6	1.2	0.7	0.7
1970	0.4	1.1	1.0	0.7	0.6	0.8	0.9	0.7	0.4	0.9	0.7	0.6	0.7
1971	0.6	0.9	0.6	0.7	0.8	0.4	0.8	0.6	0.8	1.5	1.0	1.3	0.8
1972	0.8	0.7	0.8	0.8	1.0	0.9	0.8	0.8	0.3	0.7	0.7	0.7	0.7
1973	0.6	0.6	0.8	0.8	0.7	0.6	0.2	0.3	0.3	0.4	0.6	1.3	0.6
1974	0.6	0.7	0.6	0.8	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.5	0.4
1975	0.6	1.1	0.6	0.4	0.2	0.3	0.7	0.2	0.5	0.4	0.4	0.5	0.5
MEAN	0.6	0.8	0.7	0.7	0.6	0.6	0.7	0.6	0.5	0.7	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 92

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.8	2.3	1.9	2.7	1.6	1.9	1.8	1.7	2.6	2.9	1.6	2.0
1957	2.0	2.9	2.1	2.4	2.0	2.3	1.6	2.1	2.4	3.0	2.3	2.5
1958	2.8	2.5	2.4	2.7	2.6	1.9	1.3	2.4	2.6	2.5	2.1	2.9
1959	2.3	2.3	2.6	2.1	1.7	1.6	2.2	1.6	2.5	2.3	2.1	2.2
1960	2.6	2.8	2.4	2.3	1.9	1.6	2.7	1.5	2.4	1.7	1.9	2.7
1961	2.4	3.2	3.1	2.7	2.5	2.2	1.5	2.2	2.2	2.2	2.2	2.2
1962	2.7	2.3	2.2	2.8	1.1	2.0	2.1	2.2	2.4	1.7	3.5	2.6
1963	2.3	2.3	2.3	2.1	2.0	2.5	1.2	1.2	2.4	2.9	2.5	2.4
1964	2.8	2.8	2.3	2.1	2.5	2.4	2.1	2.0	2.3	3.1	2.6	2.6
1965	2.2	2.8	2.4	2.3	1.5	1.5	1.5	1.7	1.7	2.5	1.5	1.6
1966	3.0	3.0	2.4	1.9	2.2	2.7	1.5	1.9	2.5	2.0	2.3	2.5
1967	2.3	2.0	2.3	2.1	2.2	2.3	2.1	1.8	2.1	1.6	2.2	2.8
1968	2.9	2.1	2.9	1.8	2.1	1.1	0.9	0.6	0.5	1.8	2.1	2.5
1969	2.4	2.3	2.5	2.3	2.3	1.5	1.8	1.7	2.6	2.0	3.7	2.7
1970	2.3	3.4	2.8	2.3	2.4	1.8	2.1	2.2	1.4	2.8	2.6	2.8
1971	2.4	2.5	2.7	2.8	2.5	1.1	2.0	2.6	3.2	3.4	2.6	2.6
1972	2.2	2.9	2.5	2.3	2.3	2.8	2.1	1.7	1.7	2.0	2.9	2.3
1973	2.6	3.1	2.8	2.8	2.1	1.3	0.9	1.3	1.4	2.3	2.9	3.8
1974	1.9	2.9	2.2	2.4	2.4	1.1	0.7	0.8	1.1	1.8	1.9	2.8
1975	2.4	2.4	2.7	2.3	0.8	1.2	1.9	0.7	1.7	1.9	1.7	2.7

LARGEST HS(METRES) FOR STATION 92 = 3.8

STATION 93 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 43.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2173	4113	2992	1216	751	1495	99	8	8	3	12858
0.50 - 0.99	.	497	3632	2479	807	833	112	22	5	.	8388
1.00 - 1.49	.	.	66	436	330	25	5	1	.	.	868
1.50 - 1.99	13	.	.	.	.	.	14
2.00 - 2.49	1	.	.	.	.	.	1
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2173	4610	6690	4131	1902	2353	216	31	19	3	0

AVERAGE HS(M) = 0.46 LARGEST HS(M) = 2.02 ANGLE CLASS % = 22.1

STATION 93 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 43.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	838	1083	2659	706	1706	2717	1783	248	22	1	8397
0.50 - 0.99	.	893	331	1608	3359	4199	2588	2294	44	1	11713
1.00 - 1.49	.	.	.	44	1084	2077	3450	113	30	1	6284
1.50 - 1.99	.	.	.	1	568	1187	3450	110	13	.	2981
2.00 - 2.49	73	362	183	70	6	1	1706
2.50 - 2.99	1	30	53	34	1	.	125
3.00 - 3.49	6	.	.	6
3.50 - 3.99	1	.	1
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	838	1976	2990	2359	3709	10572	5863	981	124	6	0

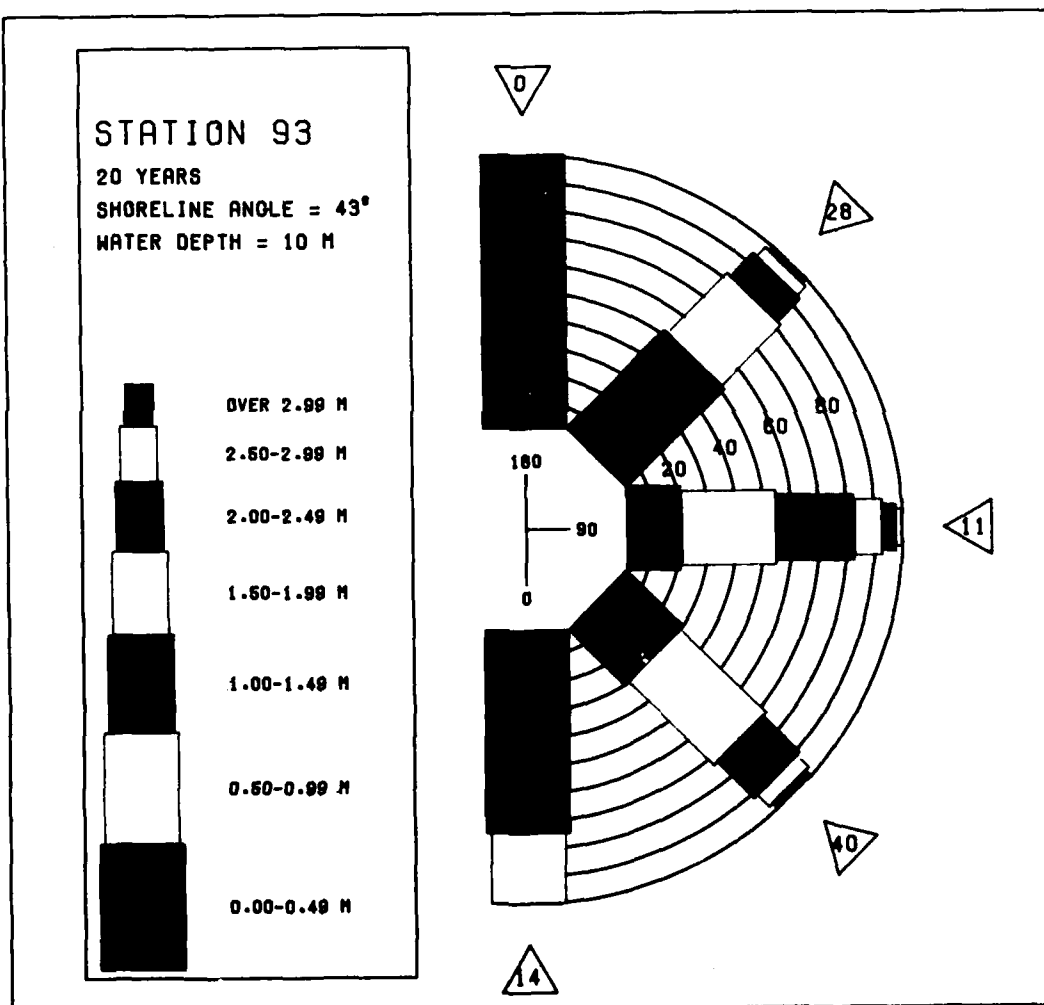
AVERAGE HS(M) = 0.83 LARGEST HS(M) = 3.59 ANGLE CLASS % = 29.4

STATION 93 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 43.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	429	333	965	58	364	63	35	58	47	207	1536
0.50 - 0.99	.	451	172	643	119	65	328	57	354	124	2281
1.00 - 1.49	.	.	.	59	242	25	368	18	224	49	1280
1.50 - 1.99	51	77	155	23	179	32	617
2.00 - 2.49	244	133	5	11	11	300
2.50 - 2.99	68	65	5	8	5	151
3.00 - 3.49	5	.	3	.	16
3.50 - 3.99	1	6	.	7
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	429	784	1137	760	811	572	175	208	832	428	0

AVERAGE HS(M) = 0.96 LARGEST HS(M) = 3.84 ANGLE CLASS % = 6.2

STATION 93 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 43.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	545	869	580	643	440	490	213	34	14	48	3876
0.50-0.99	.	270	113	576	321	614	359	60	47	336	3360
1.00-1.49	.	.	86	419	138	305	128	20	57	140	1400
1.50-1.99	.	.	.	17	22	196	60	14	33	31	480
2.00-2.49	14	20	3	6	1	180
2.50-2.99	40
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	545	1139	1802	1655	1038	1718	821	188	160	294	
AVE HS(M) = 0.65 LARGEST HS(M) = 3.84 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 93

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.3	0.9	0.6	0.8	0.6	0.8	0.9	0.5	0.6	1.0	0.6	0.6	0.7
1957	0.6	0.8	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.8	0.8	0.7	0.7
1958	0.4	0.5	0.5	0.8	0.7	0.7	0.7	0.7	0.6	0.7	0.6	0.5	0.6
1959	0.4	0.8	0.8	0.6	0.7	0.5	0.8	0.6	0.6	0.8	0.6	0.6	0.6
1960	0.5	0.8	0.6	0.8	0.8	0.7	0.9	0.6	0.7	0.4	0.4	0.4	0.6
1961	0.5	0.8	1.2	0.9	0.8	0.9	0.6	0.8	0.5	0.4	0.4	0.7	0.7
1962	0.6	0.8	0.6	0.8	0.4	0.7	0.9	0.8	0.5	0.6	0.9	0.8	0.7
1963	0.6	1.1	0.8	0.6	0.7	0.7	0.5	0.4	0.5	0.8	0.6	0.4	0.7
1964	0.7	0.5	0.8	0.8	0.6	0.7	0.8	0.8	0.9	1.5	1.3	1.4	0.9
1965	0.9	1.1	1.0	0.9	0.6	0.6	0.7	0.5	0.6	0.9	0.6	0.3	0.7
1966	0.6	0.8	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.7
1967	0.6	0.6	0.6	0.5	0.8	1.0	1.0	0.9	0.6	0.5	0.4	0.7	0.7
1968	0.6	0.2	0.5	0.3	0.4	0.4	0.2	0.2	0.1	0.4	0.4	0.4	0.3
1969	0.5	0.4	0.5	0.7	0.7	0.5	0.6	0.9	0.5	0.6	1.2	0.6	0.6
1970	0.4	1.1	0.9	0.7	0.5	0.8	0.8	0.7	0.4	0.9	0.7	0.6	0.7
1971	0.6	0.8	0.6	0.6	0.7	0.4	0.8	0.6	0.8	1.5	1.1	1.3	0.8
1972	0.8	0.7	0.8	0.7	1.0	0.9	0.7	0.8	0.3	0.8	0.7	0.7	0.7
1973	0.6	0.6	0.8	0.8	0.7	0.6	0.2	0.3	0.3	0.4	0.5	1.3	0.6
1974	0.6	0.7	0.6	0.8	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.5	0.4
1975	0.5	1.1	0.5	0.3	0.2	0.3	0.6	0.2	0.5	0.4	0.4	0.5	0.5
MEAN	0.6	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.5	0.7	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 93

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.6	2.2	1.9	2.6	1.6	1.8	1.7	1.7	2.6	3.0	1.6	1.9	
1957	2.0	2.9	2.1	2.4	2.1	2.3	1.6	2.1	2.6	3.0	2.3	2.4	
1958	2.8	2.5	2.4	2.6	2.5	1.8	1.3	2.4	2.6	2.5	2.2	2.9	
1959	2.2	2.3	2.6	2.1	1.6	1.6	2.2	1.6	2.5	2.3	2.0	2.1	
1960	2.6	2.8	2.4	2.2	1.9	1.5	2.5	1.3	2.4	1.4	1.7	2.7	
1961	2.4	3.2	3.3	2.7	2.5	2.2	1.4	2.2	2.1	2.2	2.2	2.2	
1962	2.7	2.3	2.2	2.7	1.2	2.1	2.2	2.2	2.4	2.0	3.5	2.7	
1963	2.3	2.3	2.2	2.1	1.8	2.5	1.2	1.2	2.3	3.3	2.5	2.4	
1964	2.8	2.7	2.1	2.1	2.7	2.5	2.0	1.9	2.4	3.1	2.5	2.4	
1965	2.2	2.8	2.4	2.3	1.4	1.5	1.6	1.6	1.7	2.6	1.5	1.5	
1966	3.0	3.0	2.4	1.9	2.1	2.7	1.4	1.7	2.5	1.9	2.3	2.5	
1967	2.3	2.0	2.1	2.1	2.2	2.3	2.1	1.8	2.1	1.6	2.2	2.8	
1968	3.0	2.0	2.7	1.8	2.1	1.1	0.9	0.8	0.5	1.8	2.1	2.5	
1969	2.4	2.3	2.5	2.3	2.3	1.5	1.8	1.7	2.5	2.0	3.7	2.7	
1970	2.3	3.1	2.7	2.2	2.3	1.8	1.9	2.2	1.3	2.8	2.6	2.8	
1971	2.4	2.5	2.7	2.8	2.4	1.0	2.0	2.6	3.2	3.3	2.6	2.6	
1972	2.2	2.9	2.5	2.4	2.7	2.7	2.1	1.7	1.6	2.0	2.7	2.3	
1973	2.6	3.1	2.8	2.6	2.1	1.3	0.9	1.3	1.4	2.3	2.6	3.8	
1974	1.8	2.8	2.1	2.3	2.3	1.1	0.6	0.7	1.2	1.9	2.1	2.8	
1975	2.3	2.5	2.7	2.0	0.9	1.2	1.9	0.6	1.8	1.9	1.7	2.7	

LARGEST HS(METRES) FOR STATION 93 = 3.8

STATION 94 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2315	4591	3798	1663	963	1627	59	3			15019
0.50 - 0.99		438	3625	2715	1047	963	135	11	1		8935
1.00 - 1.49			42	313	282	34	8	1	1		681
1.50 - 1.99					1						5
2.00 - 2.49											0
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	2315	5029	7465	4691	2298	2624	202	15	2	0	

AVERAGE HS(M) = 0.44 LARGEST HS(M) = 2.02 ANGLE CLASS % = 24.7

STATION 94 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	766	966	2251	583	1846	2866	1906	373	42		8974
0.50 - 0.99		793	224	1560	2289	3158	2014	364	30		4646
1.00 - 1.49				35	434	1673	3394	168	15		1500
1.50 - 1.99				1	63	207	350	90	8		539
2.00 - 2.49						29	160	17	1		176
2.50 - 2.99							22	1			23
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	766	1759	2475	1979	3516	8908	4851	1066	112	7	

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 3.22 ANGLE CLASS % = 25.5

STATION 94 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	455	335			213	61	34		56	217	1371
0.50 - 0.99		417	982	73	46	71	80		378	114	2141
1.00 - 1.49			169	578	102	29	99		272	54	1516
1.50 - 1.99				44	189	70	10		172	13	555
2.00 - 2.49					46	236	53		18	1	356
2.50 - 2.99						54	1		3		126
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	455	752	1151	695	596	521	295	16	910	428	

AVERAGE HS(M) = 0.96 LARGEST HS(M) = 3.84 ANGLE CLASS % = 5.8

STATION 94 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHOPELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	593	681	1916	261	333	410	195	20	70	256	2558
0.50 - 0.99	.	600	.	891	63	800	879	172	61	684	5426
1.00 - 1.49	.	.	186	58	296	171	165	273	261	1209	3423
1.50 - 1.99	355	364	114	47	123	566	1427
2.00 - 2.49	71	331	215	87	24	63	801
2.50 - 2.99	41	78	35	25	13	192
3.00 - 3.49	5	27	1	18	41
3.50 - 3.99	1	.	10	12
4.00 - 4.49	00
4.50 - 4.99	00
5.00 - GREATER	00
TOTAL	593	1281	2102	1210	1108	2117	1681	662	576	2609	0

AVERAGE HS(M) = 1.01 LARGEST HS(M) = 3.77 ANGLE CLASS % = 14.0

STATION 94 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHOPELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1232	2421	2919	5544	1255	184	13	.	.	.	13568
0.50 - 0.99	.	123	1648	2246	891	278	161	1	.	.	5498
1.00 - 1.49	.	.	37	420	557	771	111	10	.	.	1906
1.50 - 1.99	.	.	.	1	88	347	131	18	3	.	585
2.00 - 2.49	15	20	35	.	.	.	76
2.50 - 2.99	1	.	.	.	0
3.00 - 3.49	00
3.50 - 3.99	00
4.00 - 4.49	00
4.50 - 4.99	00
5.00 - GREATER	00
TOTAL	1232	2544	4804	8261	2806	1600	352	34	3	0	0

AVERAGE HS(M) = 0.47 LARGEST HS(M) = 2.53 ANGLE CLASS % = 21.7

STATION 94 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHOPELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	5	.	.	.	.	.	.	.	.	.	5
0.50 - 0.99	00
1.00 - 1.49	00
1.50 - 1.99	00
2.00 - 2.49	00
2.50 - 2.99	00
3.00 - 3.49	00
3.50 - 3.99	00
4.00 - 4.49	00
4.50 - 4.99	00
5.00 - GREATER	00
TOTAL	5	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0.01 LARGEST HS(M) = 0.01 ANGLE CLASS % = 0.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 94

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.8	0.5	0.7	0.6	0.8	0.8	0.5	0.5	1.0	0.6	0.5	0.6
1957	0.6	0.7	0.6	0.6	0.6	0.6	0.7	0.6	0.5	0.8	0.7	0.6	0.6
1958	0.4	0.4	0.5	0.7	0.6	0.6	0.6	0.7	0.6	0.7	0.5	0.5	0.6
1959	0.4	0.7	0.7	0.5	0.6	0.4	0.7	0.5	0.6	0.8	0.6	0.6	0.6
1960	0.5	0.7	0.6	0.7	0.7	0.6	0.8	0.6	0.7	0.4	0.4	0.4	0.6
1961	0.4	0.7	1.1	0.7	0.8	0.8	0.5	0.7	0.5	0.4	0.4	0.6	0.6
1962	0.5	0.7	0.5	0.7	0.4	0.7	0.8	0.7	0.5	0.6	0.9	0.8	0.7
1963	0.6	1.0	0.7	0.5	0.6	0.6	0.4	0.4	0.5	0.9	0.5	0.4	0.6
1964	0.6	0.4	0.7	0.8	0.6	0.6	0.8	0.8	0.9	1.6	1.4	1.4	0.9
1965	0.9	1.1	1.0	0.8	0.5	0.6	0.6	0.5	0.7	0.9	0.6	0.3	0.7
1966	0.6	0.7	0.6	0.6	0.8	0.6	0.7	0.8	0.8	0.6	0.6	0.6	0.7
1967	0.5	0.6	0.5	0.5	0.7	1.0	0.9	0.9	0.6	0.5	0.4	0.6	0.6
1968	0.6	0.2	0.4	0.2	0.4	0.4	0.2	0.2	0.1	0.3	0.3	0.3	0.3
1969	0.4	0.4	0.4	0.6	0.6	0.5	0.5	0.8	0.5	0.6	1.1	0.6	0.6
1970	0.3	1.0	0.8	0.6	0.5	0.7	0.8	0.6	0.4	0.9	0.7	0.5	0.6
1971	0.5	0.7	0.5	0.5	0.6	0.4	0.7	0.6	0.8	1.5	1.1	1.3	0.8
1972	0.7	0.6	0.7	0.6	0.9	0.8	0.6	0.7	0.3	0.8	0.6	0.6	0.7
1973	0.6	0.5	0.7	0.7	0.6	0.6	0.2	0.3	0.3	0.4	0.4	1.2	0.5
1974	0.5	0.6	0.5	0.7	0.3	0.2	0.2	0.2	0.3	0.3	0.2	0.4	0.4
1975	0.5	1.1	0.5	0.3	0.2	0.3	0.6	0.2	0.5	0.4	0.3	0.4	0.4
MEAN	0.5	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.7	0.6	0.6	

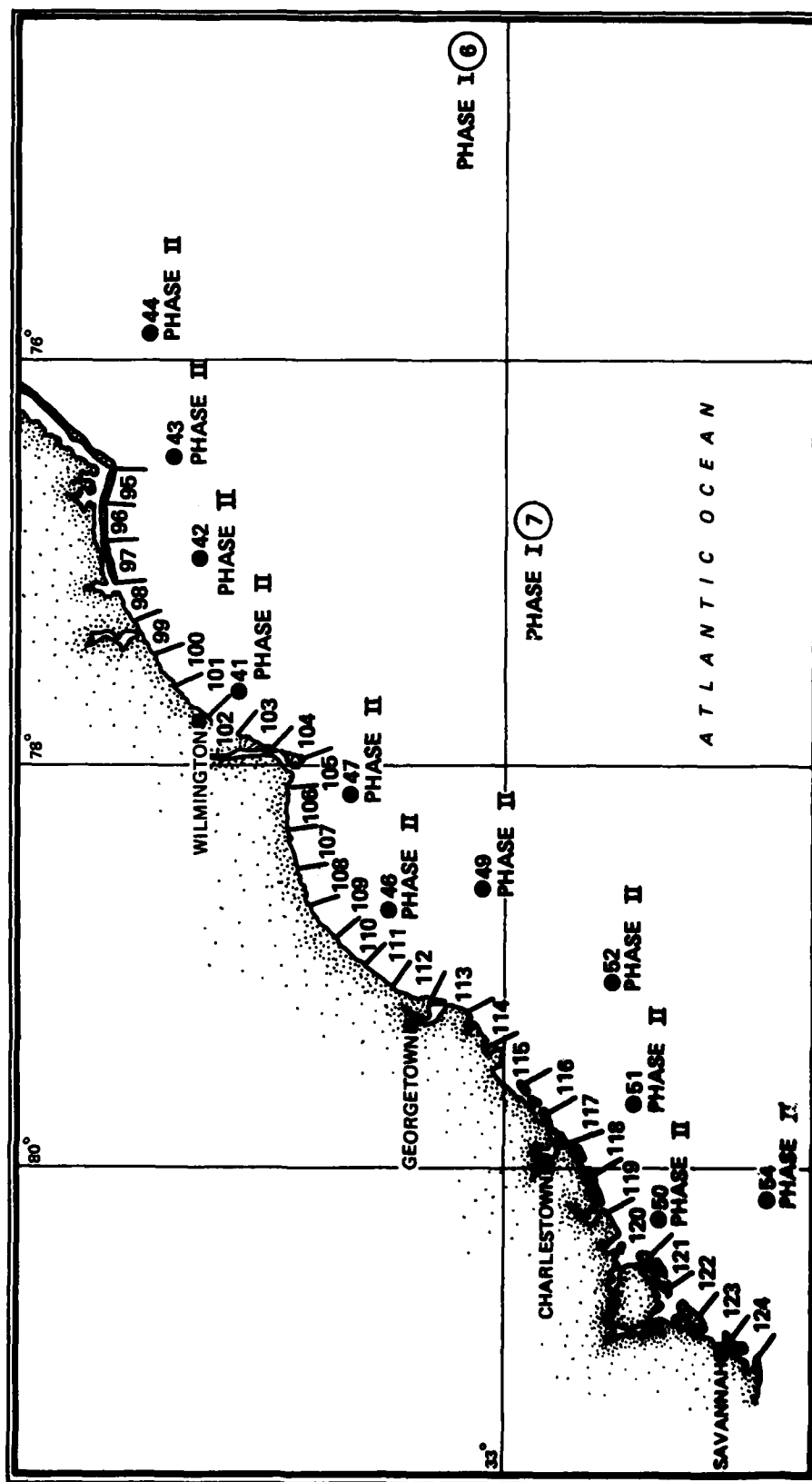
LARGEST HS(METRES) BY MONTH AND YEAR

STATION 94

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.4	2.2	1.8	2.6	1.7	1.9	1.6	1.7	2.5	3.0	1.7	1.7	
1957	2.0	2.8	2.2	2.3	2.2	2.4	1.7	2.1	2.6	3.0	2.2	2.4	
1958	2.7	2.5	2.4	2.5	2.4	1.8	1.2	2.3	2.5	2.5	2.2	2.9	
1959	2.1	2.2	2.5	1.9	1.4	1.4	2.2	1.5	2.5	2.4	1.9	2.0	
1960	2.7	2.7	2.5	2.2	1.9	1.4	2.3	1.3	2.3	1.4	1.4	2.7	
1961	2.4	3.2	3.4	2.7	2.5	2.2	1.4	2.1	2.1	2.2	2.1	2.2	
1962	2.5	2.3	2.0	2.5	1.2	2.2	2.2	2.2	2.4	2.0	3.8	2.8	
1963	2.0	2.4	2.2	2.1	1.5	2.4	1.0	1.1	2.3	3.1	2.5	2.5	
1964	2.8	2.7	1.9	2.0	2.9	2.5	1.7	2.0	2.5	3.2	2.5	2.2	
1965	2.1	2.8	2.4	2.1	1.3	1.5	1.5	1.4	1.8	2.7	1.3	1.4	
1966	3.0	2.8	2.3	1.9	2.1	2.7	1.3	1.6	2.4	1.8	2.1	2.5	
1967	2.2	1.8	1.8	2.1	2.2	2.4	1.9	1.6	2.1	1.4	1.9	2.7	
1968	3.0	1.8	2.4	1.6	2.1	1.0	0.9	0.8	0.5	1.8	1.8	2.4	
1969	2.4	2.5	2.5	2.1	2.3	1.4	1.7	1.7	2.3	2.1	3.7	2.7	
1970	2.3	3.0	2.6	2.1	2.2	1.8	1.7	2.2	1.3	2.8	2.7	2.8	
1971	2.2	2.5	2.7	2.7	2.2	1.0	2.2	2.5	3.2	3.3	2.6	2.8	
1972	2.1	2.8	2.5	2.4	2.9	2.6	2.1	1.6	1.4	1.8	2.7	2.4	
1973	2.5	3.0	2.6	2.6	1.9	1.2	0.8	1.2	1.3	2.2	2.3	3.8	
1974	1.9	2.6	2.1	2.1	2.1	1.0	0.6	0.6	1.2	2.0	2.1	2.7	
1975	2.3	2.6	2.7	2.0	0.9	1.2	1.8	0.6	1.8	1.8	1.6	2.7	

LARGEST HS(METRES) FOR STATION 94 = 3.8



STATION 95 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 121.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 95 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 121.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	58	.	.	.	.	.	58
0.50 - 0.99	39	.	.	.	.	.	39
1.00 - 1.49	8	.	.	.	.	.	8
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	105	0	0	0	0	0	105

AVERAGE HS(M) = 0.50 LARGEST HS(M) = 1.13 ANGLE CLASS % = 0.1

STATION 95 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 121.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1865	3348	1634	1052	1321	1574	340	5	6	.	11145
0.50 - 0.99	.	568	3764	1728	581	2345	841	20	13	.	6642
1.00 - 1.49	.	.	116	1509	975	2019	809	63	13	.	5582
1.50 - 1.99	.	.	.	30	689	1642	792	83	13	1	3255
2.00 - 2.49	73	556	657	147	17	1	1437
2.50 - 2.99	15	159	126	15	1	316
3.00 - 3.49	5	51	10	1	72
3.50 - 3.99	1	1	102
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1865	3916	5536	4339	3639	8151	3603	500	99	5	0

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 4.08 ANGLE CLASS % = 31.7

STATION 95 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 121.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1120	1398			675	2924	1387	42	61	492	8099
0.50-0.99		1334			126	3670	1442	39	234	232	11014
1.00-1.49			3559	378	434	831	290	22	200	109	4326
1.50-1.99			480	1960	675	624	111	32	27	53	1655
2.00-2.49				133	152	1043	289	45	13	5	1414
2.50-2.99						152	34	90	11		499
3.00-3.49								8	1		155
3.50-3.99									1		6
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	1120	2732	4039	2472	2062	9244	3749	287	561	892	

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 4.00 ANGLE CLASS % = 27.2

STATION 95 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 121.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	713	910	1		1420	2895	1902	217	424	51	8533
0.50-0.99		518	1764	492	168	918	593	23	140	1	4644
1.00-1.49			154	75	357	248	49	20	11		1997
1.50-1.99				10	145	253	51	8			479
2.00-2.49					23	3	25	10	1		134
2.50-2.99							1				5
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	713	1428	1919	1258	2110	4392	2621	308	577	52	

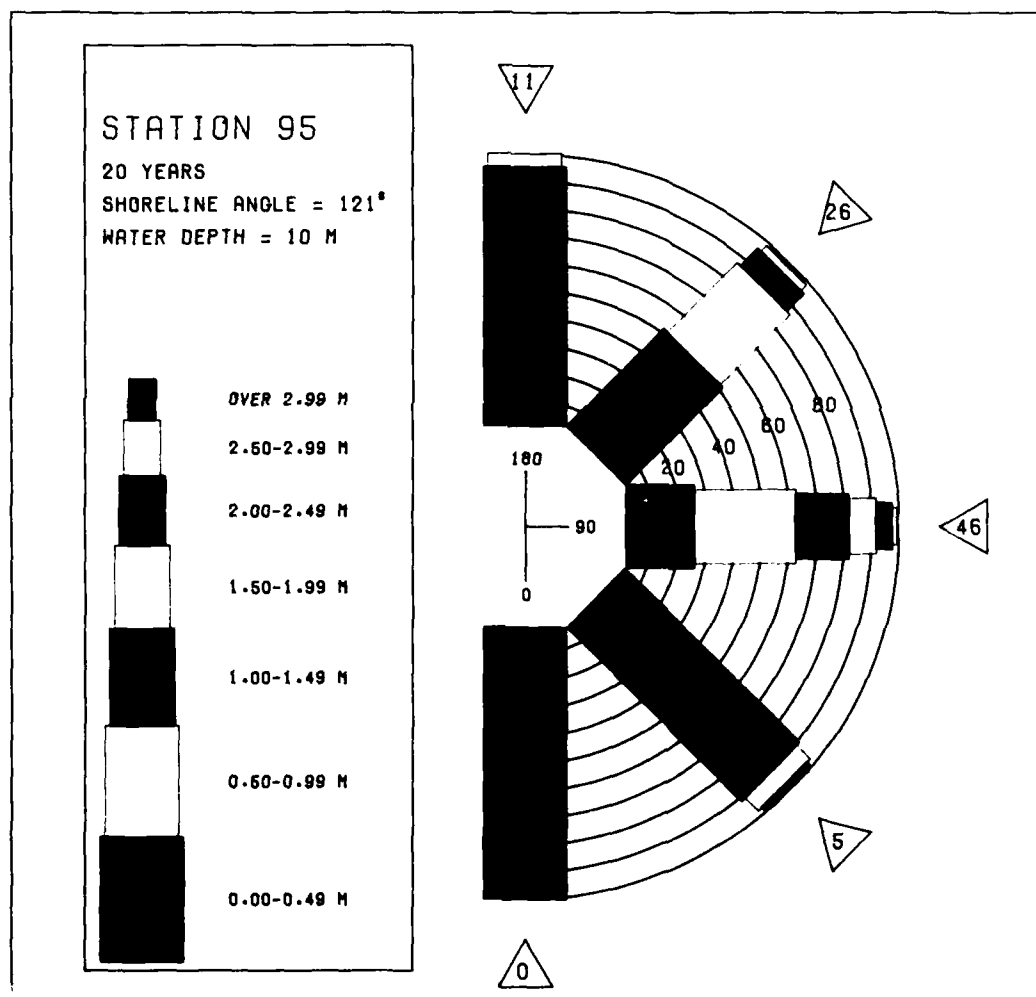
AVERAGE HS(M) = 0.57 LARGEST HS(M) = 2.95 ANGLE CLASS % = 15.4

STATION 95 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 121.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1331	2298	2843	3447	1240	540					11699
0.50-0.99		65	843	604	272	88					1872
1.00-1.49				6	20	1					26
1.50-1.99											1
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	1331	2363	3686	4057	1533	628	0	0	0	0	

AVERAGE HS(M) = 0.24 LARGEST HS(M) = 1.62 ANGLE CLASS % = 13.6

STATION 95 20 YEARS FOR ALL DIRECTIONS												
SHORELINE ANGLE = 121.0 DEGREES AZIMUTH												
WATER DEPTH = 10.00 METRES												
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS												
HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER	
0.0-0.49	503	795	447	450	471	793	363	26	49	54		3951
0.50-0.99	.	248	925	323	118	702	287	11	38	23		2244
1.00-1.49	.	.	75	423	179	209	114	10	22	10		1142
1.50-1.99	.	.	.	17	151	292	95	13	44	5		537
2.00-2.49	24	167	88	16	26	.		297
2.50-2.99	17	44	14	1	.		81
3.00-3.49	5	.	.	.		19
3.50-3.99		0
4.00-4.49		0
4.50-4.99		0
5.00- GREATER		0
TOTAL	503	1043	1517	1212	943	2240	994	107	121	92		58440
AVE HS(M) = 0.63 LARGEST HS(M) = 4.08 TOTAL CASES = 58440												



MEAN HS(METRES) BY MONTH AND YEAR

STATION 95

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.9	0.8	1.0	0.5	0.7	1.0	0.6	0.4	0.3	0.3	0.7	0.6
1957	0.7	0.8	0.7	0.8	0.5	0.6	0.8	0.5	0.4	0.3	0.8	0.8	0.6
1958	0.6	0.8	0.5	0.8	0.7	0.8	0.9	0.8	0.4	0.2	0.5	0.4	0.6
1959	0.6	0.8	0.9	0.9	0.7	0.5	0.7	0.6	0.2	0.8	0.5	0.6	0.6
1960	0.6	1.0	0.6	1.0	0.9	0.7	0.9	0.6	0.4	0.3	0.4	0.4	0.6
1961	0.7	1.0	0.8	1.2	0.8	1.0	0.8	0.8	0.4	0.2	0.4	0.8	0.7
1962	0.7	0.9	0.5	1.1	0.4	0.6	0.9	0.7	0.4	0.4	0.6	0.6	0.6
1963	0.7	0.7	1.1	0.8	0.5	0.8	0.7	0.5	0.3	0.2	0.6	0.5	0.6
1964	0.8	0.8	1.0	0.8	0.6	0.6	1.0	0.8	0.4	0.4	0.5	0.7	0.7
1965	0.5	0.7	0.7	0.6	0.6	0.7	0.8	0.6	0.3	0.5	0.4	0.4	0.6
1966	0.5	0.9	0.8	0.9	0.7	0.6	0.9	0.8	0.8	0.4	0.4	0.5	0.7
1967	0.6	0.7	0.7	0.8	0.9	0.5	1.2	0.9	0.3	0.4	0.6	0.8	0.7
1968	0.4	0.3	0.8	0.3	0.4	0.3	0.2	0.1	0.0	0.3	0.5	0.6	0.4
1969	0.5	0.5	0.7	0.8	0.7	0.5	0.7	0.6	0.2	0.2	0.7	0.9	0.6
1970	0.5	1.3	1.1	0.8	0.5	0.7	0.8	0.7	0.4	0.4	0.5	0.7	0.7
1971	0.7	1.1	0.8	0.9	0.9	0.4	0.9	0.7	0.5	0.9	0.5	0.8	0.7
1972	0.9	0.7	0.9	1.0	0.9	1.1	0.9	0.8	0.2	0.4	0.7	0.8	0.8
1973	0.7	0.6	1.0	1.1	0.9	0.6	0.2	0.3	0.2	0.3	0.8	1.4	0.7
1974	0.7	0.8	0.8	0.9	0.5	0.2	0.2	0.1	0.1	0.3	0.3	0.6	0.4
1975	0.6	0.5	0.8	0.5	0.2	0.3	0.6	0.4	0.3	0.3	0.4	0.4	0.4
MEAN	0.6	0.8	0.8	0.8	0.6	0.6	0.7	0.6	0.3	0.4	0.5	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 95

MONTH

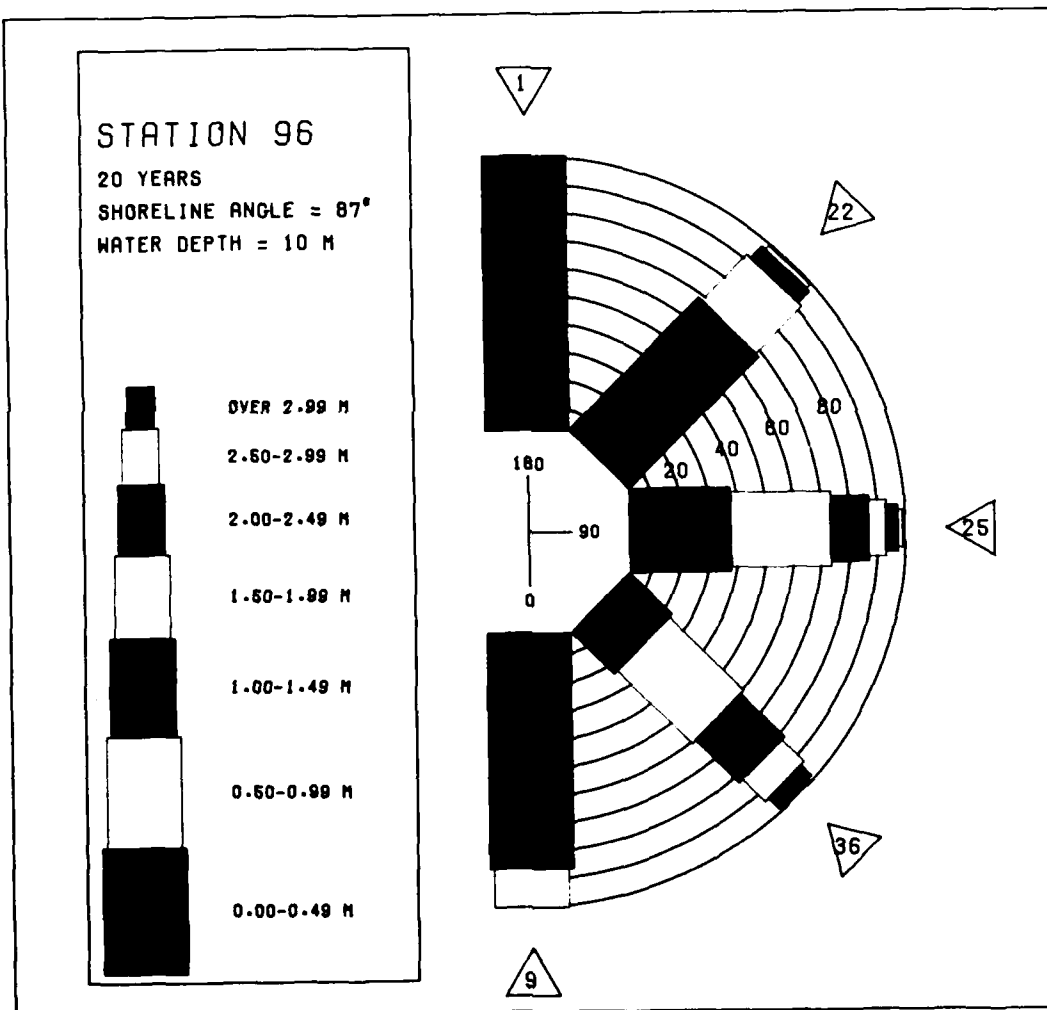
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.5	2.6	3.4	1.4	2.1	2.1	1.4	2.7	2.9	1.6	2.5	
1957	2.4	2.5	2.4	2.7	1.9	2.3	2.0	1.9	1.2	2.3	2.7	2.7	
1958	3.0	2.9	2.3	2.9	2.9	2.1	2.0	2.4	3.2	1.6	2.0	2.3	
1959	3.0	2.5	3.2	2.4	2.2	1.9	2.1	2.0	1.7	2.5	2.5	2.5	
1960	2.4	3.4	3.0	2.7	2.3	2.0	3.2	2.0	2.6	2.1	2.0	2.7	
1961	2.4	3.1	2.2	3.0	2.4	2.3	1.8	2.2	2.3	1.8	2.4	2.7	
1962	3.4	2.7	2.8	3.3	1.4	2.3	2.0	2.3	1.7	1.4	3.2	2.4	
1963	2.8	2.9	2.8	2.6	2.5	2.4	2.1	1.6	2.5	1.3	2.7	2.4	
1964	2.9	3.1	3.0	2.5	1.9	1.4	2.4	2.2	3.0	3.1	2.8	2.8	
1965	2.7	3.3	2.6	2.4	1.8	2.2	2.0	1.8	1.2	2.6	2.3	1.9	
1966	3.1	3.5	3.0	2.4	2.3	2.1	2.0	2.0	2.2	2.1	2.5	2.6	
1967	2.8	2.7	2.9	2.2	3.0	1.9	2.5	2.0	2.3	2.1	2.6	3.4	
1968	1.4	1.4	3.3	2.2	1.5	1.3	0.9	0.8	0.4	1.7	2.7	3.3	
1969	2.2	2.0	2.9	2.9	2.6	1.6	1.9	2.2	2.4	1.5	3.5	2.9	
1970	2.2	3.6	2.8	2.6	2.6	2.1	2.2	2.0	1.8	1.9	2.0	2.8	
1971	3.2	3.2	2.9	3.1	2.8	1.3	2.3	3.2	2.1	2.8	2.8	2.8	
1972	2.6	3.2	2.8	2.5	3.3	3.2	2.2	2.0	2.0	2.2	2.9	2.8	
1973	2.7	3.5	4.0	3.1	2.5	1.8	1.0	1.7	2.1	2.8	3.9	4.1	
1974	2.6	3.3	2.4	2.8	2.6	1.2	0.8	0.8	0.8	1.4	2.0	2.8	
1975	2.6	3.0	2.8	2.4	1.0	1.1	2.0	0.9	1.9	2.1	2.2	3.3	

LARGEST HS(METRES) FOR STATION 95 = 4.1

STATION 96 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 87.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER	
0.0-0.49	671	883	521	732	605	462	133	13	6	47		4073
0.50-0.99	.	342	1144	322	176	716	150	12	3	31		2928
1.00-1.49	.	.	102	512	199	321	82	6	3	14		1266
1.50-1.99	.	.	.	28	191	273	78	4	1	13		601
2.00-2.49	37	182	67	15	1	1		318
2.50-2.99	19	42	14	1	.		78
3.00-3.49	4	.	.	.		20
3.50-3.99		0
4.00-4.49		0
4.50-4.99		0
5.00- GREATER		0
TOTAL	671	1225	1767	1596	1208	1973	586	71	73	116		58440

AVE HS(M) = 0.67 LARGEST HS(M) = 3.91 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 96

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.9	0.9	1.4	0.5	0.6	0.9	0.5	0.4	0.4	0.4	0.8	0.7
1957	0.7	0.9	0.8	0.7	0.5	0.7	0.8	0.6	0.5	0.2	0.9	0.9	0.7
1958	0.7	0.9	0.6	0.9	0.7	0.8	0.9	0.8	0.4	0.3	0.6	0.5	0.7
1959	0.7	0.9	1.0	0.9	0.7	0.6	0.8	0.6	0.3	0.8	0.6	0.7	0.7
1960	0.7	1.0	0.7	1.0	1.0	0.8	0.8	0.7	0.4	0.4	0.5	0.4	0.7
1961	0.8	1.0	0.9	1.3	0.9	1.0	0.8	0.9	0.3	0.3	0.5	0.9	0.8
1962	0.8	0.9	0.6	1.1	0.4	0.6	0.8	0.8	0.4	0.4	0.7	0.7	0.7
1963	0.7	0.7	1.1	0.9	0.6	0.8	0.7	0.6	0.4	0.3	0.7	0.6	0.7
1964	0.9	0.9	1.0	0.8	0.6	0.7	0.9	0.8	0.5	0.5	0.5	0.7	0.7
1965	0.6	0.8	0.7	0.7	0.6	0.7	0.8	0.7	0.3	0.6	0.5	0.4	0.6
1966	0.6	0.9	0.8	0.9	0.8	0.6	0.9	0.8	0.8	0.4	0.5	0.5	0.7
1967	0.7	0.9	0.8	0.9	0.9	0.6	1.2	0.8	0.4	0.4	0.6	0.9	0.8
1968	0.3	0.3	0.9	0.3	0.4	0.4	0.2	0.2	0.1	0.3	0.6	0.7	0.4
1969	0.5	0.6	0.8	0.8	0.7	0.6	0.7	0.7	0.3	0.3	0.8	0.9	0.6
1970	0.5	1.3	1.2	0.9	0.6	0.7	0.8	0.9	0.6	0.6	0.5	0.7	0.8
1971	0.8	1.1	0.9	0.9	0.9	0.4	0.8	0.6	0.4	0.7	0.6	0.9	0.7
1972	0.9	0.8	0.9	1.0	1.0	1.6	1.1	0.9	0.3	0.4	0.8	0.8	0.9
1973	0.7	0.7	1.0	1.1	0.9	0.6	0.2	0.3	0.3	0.3	0.8	1.3	0.7
1974	0.7	0.9	0.8	0.9	0.5	0.3	0.2	0.2	0.1	0.1	0.3	0.6	0.5
1975	0.7	0.6	0.8	0.5	0.2	0.3	0.7	0.4	0.3	0.2	0.4	0.4	0.5
MEAN	0.7	0.9	0.9	0.9	0.7	0.7	0.8	0.6	0.4	0.4	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 96

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.5	2.4	3.2	1.5	1.8	1.8	1.2	2.7	3.0	1.8	2.3	
1957	2.2	3.0	2.3	2.6	2.0	2.0	2.0	2.1	1.5	1.8	2.6	2.6	
1958	2.9	2.9	2.6	2.8	2.8	2.0	1.9	2.4	3.2	1.8	2.1	2.7	
1959	2.9	2.6	3.2	2.3	2.1	2.1	2.1	1.9	2.2	2.3	2.3	2.6	
1960	2.4	3.4	2.9	2.5	2.2	2.0	3.3	2.0	3.1	2.1	1.8	2.5	
1961	2.5	3.3	2.4	3.0	2.3	2.2	1.8	2.4	2.3	1.5	2.4	2.5	
1962	3.2	2.6	2.7	3.1	1.4	1.9	2.0	2.5	1.8	1.4	3.1	2.4	
1963	2.5	2.8	2.6	2.4	2.1	2.1	2.1	1.7	2.7	1.5	2.8	2.5	
1964	3.1	3.3	2.8	2.6	1.7	2.1	2.5	2.3	2.8	3.2	2.8	2.6	
1965	2.6	3.1	2.6	2.3	2.1	1.9	2.0	1.4	1.1	2.4	2.2	2.1	
1966	3.1	3.5	2.9	2.2	2.3	2.3	2.1	1.8	2.4	2.0	2.6	2.4	
1967	2.7	2.7	2.9	2.2	2.8	2.0	2.4	2.1	2.3	2.0	2.6	3.3	
1968	2.2	1.3	3.2	2.1	1.6	1.3	0.9	0.8	0.5	2.0	2.8	3.1	
1969	2.2	2.0	2.8	2.9	2.4	1.6	1.7	2.1	2.3	1.5	3.6	3.0	
1970	2.2	3.6	2.8	2.5	2.5	2.1	2.1	2.0	1.8	2.8	1.9	3.0	
1971	2.7	3.2	2.6	3.0	2.9	1.3	2.2	3.1	1.4	2.7	2.8	2.7	
1972	2.6	3.3	2.7	2.4	3.6	3.2	2.2	2.0	2.0	2.3	2.9	2.7	
1973	2.9	3.7	3.8	3.1	2.4	1.8	0.9	1.6	1.9	2.6	3.7	3.9	
1974	2.6	3.3	2.3	2.6	2.5	1.2	0.9	0.8	0.8	1.3	2.1	2.7	
1975	2.6	2.8	2.6	2.4	1.0	1.3	1.9	1.0	2.1	2.2	2.5	3.2	

LARGEST HS(METRES) FOR STATION 96 = 3.9

STATION 97 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 75.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	752	735	1570	171	410	95	88	53	37	181	2351
0.50-0.99	.	616	130	171	159	131	27	11	90	104	2759
1.00-1.49	.	.	.	93	169	150	5	11	37	17	1514
1.50-1.99	284	150	34	15	50	1	3744
2.00-2.49	51	66	8	11	3	.	143
2.50-2.99	22
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	752	1351	1700	1007	965	770	231	134	189	337	0

AVERAGE HS(M) = 0.86 LARGEST HS(M) = 3.72 ANGLE CLASS % = 7.5

STATION 97 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 75.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1202	1808	1257	1735	1081	126	25	.	13	.	7247
0.50-0.99	.	234	2270	1517	506	376	44	10	1	.	5358
1.00-1.49	.	.	23	350	400	470	90	17	1	.	1350
1.50-1.99	.	.	.	3	121	229	70	8	.	.	431
2.00-2.49	15	37	25	5	.	.	62
2.50-2.99	1	5	1	3	.	.	10
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1202	2042	3550	3605	2524	1243	255	43	14	0	0

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 2.94 ANGLE CLASS % = 14.5

STATION 97 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 75.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	809	1196	2176	3927	319	.	.	.	.	.	8427
0.50-0.99	0
1.00-1.49	0
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	809	1196	2182	3927	319	0	0	0	0	0	0

AVERAGE HS(M) = 0.11 LARGEST HS(M) = 0.52 ANGLE CLASS % = 8.4

MEAN HS(METRES) BY MONTH AND YEAR

STATION 97

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.8	0.7	1.3	0.5	0.5	0.8	0.4	0.4	0.5	0.3	0.6	0.6
1957	0.6	0.9	0.7	0.7	0.5	0.6	0.7	0.5	0.5	0.3	0.8	0.7	0.6
1958	0.6	0.6	0.5	0.8	0.6	0.7	0.8	0.7	0.4	0.2	0.5	0.4	0.6
1959	0.6	0.9	0.8	0.7	0.7	0.5	0.8	0.5	0.4	0.8	0.5	0.5	0.6
1960	0.6	0.9	0.6	0.9	0.9	0.7	0.8	0.6	0.4	0.3	0.4	0.4	0.6
1961	0.6	0.9	0.8	1.0	0.8	1.0	0.7	0.9	0.3	0.3	0.4	0.8	0.7
1962	0.7	0.8	0.5	1.0	0.4	0.6	0.7	0.8	0.4	0.4	0.6	0.5	0.6
1963	0.7	0.6	1.0	0.7	0.6	0.7	0.6	0.6	0.4	0.3	0.5	0.5	0.6
1964	0.7	0.7	0.9	0.8	0.6	0.6	0.8	0.7	0.5	0.5	0.5	0.7	0.7
1965	0.5	0.7	0.6	0.6	0.5	0.6	0.7	0.6	0.4	0.5	0.4	0.4	0.5
1966	0.5	0.8	0.7	0.8	0.7	0.6	0.8	0.7	0.7	0.4	0.4	0.4	0.6
1967	0.6	0.7	0.7	0.8	0.8	0.7	1.1	0.8	0.5	0.4	0.5	0.8	0.7
1968	0.4	0.2	0.6	0.2	0.4	0.3	0.2	0.1	0.1	0.3	0.4	0.5	0.3
1969	0.5	0.5	0.6	0.8	0.7	0.5	0.6	0.7	0.3	0.3	0.8	0.7	0.6
1970	0.5	1.2	1.1	0.8	0.6	0.6	0.7	0.8	0.5	0.7	0.4	0.6	0.7
1971	0.6	1.0	0.7	0.8	0.8	0.4	0.7	0.5	0.4	0.7	0.5	0.8	0.7
1972	0.9	0.7	0.8	0.8	1.0	1.5	1.0	0.9	0.2	0.4	0.7	0.7	0.8
1973	0.6	0.6	0.9	0.9	0.7	0.5	0.2	0.3	0.2	0.3	0.7	1.2	0.6
1974	0.6	0.8	0.7	0.8	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.5	0.4
1975	0.6	0.5	0.7	0.4	0.2	0.3	0.6	0.4	0.4	0.2	0.3	0.4	0.4
MEAN	0.6	0.7	0.7	0.8	0.6	0.6	0.7	0.6	0.4	0.4	0.5	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 97

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.8	2.5	2.0	3.1	1.4	1.8	1.5	1.1	2.7	3.0	1.3	1.9	
1957	1.8	3.1	2.4	2.5	2.0	1.6	1.8	2.1	1.8	1.4	2.5	2.5	
1958	2.8	2.6	2.6	2.7	2.7	1.8	1.4	2.4	3.2	1.8	2.1	2.9	
1959	2.6	2.6	3.2	2.1	2.0	1.7	2.1	1.5	2.5	1.9	2.1	2.6	
1960	2.1	3.3	2.7	2.5	2.1	1.8	3.0	1.8	3.0	1.9	1.5	2.3	
1961	2.4	3.3	2.5	3.0	2.3	2.2	1.6	2.4	2.3	1.4	2.3	2.2	
1962	3.0	2.3	2.4	2.9	1.2	1.8	1.7	2.4	1.4	1.1	3.0	2.3	
1963	2.3	2.5	2.6	2.2	1.7	2.0	1.6	1.3	2.5	1.8	2.9	2.5	
1964	3.0	3.1	2.6	2.6	1.5	2.1	2.3	1.9	2.7	3.2	2.8	2.6	
1965	2.4	3.1	2.5	2.1	1.6	1.5	1.6	1.3	1.0	2.3	1.6	2.1	
1966	3.2	3.3	2.8	2.2	2.3	2.6	1.6	1.7	2.4	1.8	2.2	2.1	
1967	2.7	2.6	2.6	2.1	2.4	2.1	2.3	2.1	2.2	1.7	2.5	3.2	
1968	2.4	1.2	3.0	2.1	1.6	1.2	0.9	0.6	0.3	2.0	2.7	2.9	
1969	2.1	1.8	2.6	2.6	2.4	1.6	1.7	1.8	1.7	1.6	3.7	2.9	
1970	2.0	3.5	2.8	2.3	2.5	1.9	1.9	1.9	1.6	2.9	2.0	2.9	
1971	2.6	2.7	2.3	3.0	2.7	1.1	1.9	2.9	1.4	2.5	2.7	2.3	
1972	2.4	3.1	2.6	2.3	3.6	3.2	2.1	1.8	1.9	2.2	2.5	2.5	
1973	2.9	3.7	3.4	2.9	2.3	1.5	0.9	1.5	1.5	2.3	3.2	3.7	
1974	2.1	3.1	2.1	2.5	2.4	0.9	0.6	0.6	0.8	1.2	2.0	2.7	
1975	2.4	2.6	2.6	1.7	1.1	0.9	1.7	0.8	2.1	2.2	2.2	3.0	

LARGEST HS(METRES) FOR STATION 97 = 3.7

STATION 98 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 64.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	961	1437	1610	634	285	.	.	.	.	.	4927
0.5-0.99	.	.	109	6	.	.	.	.	.	.	115
1.0-1.49	0
1.5-1.99	0
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.00	0
5.00 - GREATER	0
TOTAL	961	1437	1719	640	285	0	0	0	0	0	0

AVERAGE HS(M) = 0.17 LARGEST HS(M) = 0.72 ANGLE CLASS % = 5.0

STATION 98 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 64.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2120	3624	927	237	2017	3204	485	5	5	.	12624
0.5-0.99	.	906	5150	2674	1139	33891	824	17	17	.	14688
1.0-1.49	.	.	222	1610	1355	33891	937	41	11	.	23030
1.5-1.99	.	.	.	34	455	1162	612	87	10	.	23030
2.0-2.49	56	282	220	77	10	.	6405
2.5-2.99	6	22	35	5	.	68
3.0-3.49	3	1	.	4
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.00	0
5.00 - GREATER	0
TOTAL	2120	4530	6299	4555	5022	10922	3150	265	45	0	0

AVERAGE HS(M) = 0.76 LARGEST HS(M) = 3.05 ANGLE CLASS % = 36.9

STATION 98 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 64.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	624	657	1348	130	2156	2881	1136	85	6	343	7888
0.5-0.99	.	581	179	826	270	3307	874	85	143	215	6533
1.0-1.49	.	.	.	51	167	629	55	29	210	184	2319
1.5-1.99	354	335	66	17	111	121	1055
2.0-2.49	97	427	114	10	17	29	694
2.5-2.99	1	68	148	53	15	17	302
3.0-3.49	20	4	3	3	76
3.5-3.99	5	1	3	10
4.0-4.49	0
4.5-4.99	0
5.0-5.00	0
5.00 - GREATER	0
TOTAL	624	1238	1527	1007	3045	7647	2453	326	516	917	0

AVERAGE HS(M) = 0.76 LARGEST HS(M) = 3.68 ANGLE CLASS % = 19.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 98

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.8	0.7	1.3	0.5	0.5	0.8	0.4	0.4	0.5	0.3	0.6	0.6
1957	0.6	0.8	0.7	0.6	0.5	0.6	0.7	0.5	0.5	0.3	0.8	0.7	0.6
1958	0.5	0.6	0.5	0.8	0.6	0.7	0.8	0.7	0.4	0.3	0.5	0.4	0.6
1959	0.5	0.8	0.8	0.7	0.7	0.5	0.8	0.5	0.4	0.8	0.5	0.5	0.6
1960	0.5	0.8	0.6	0.9	0.9	0.7	0.8	0.5	0.5	0.3	0.4	0.4	0.6
1961	0.5	0.8	0.8	0.9	0.8	0.9	0.7	0.8	0.3	0.3	0.4	0.8	0.7
1962	0.7	0.8	0.5	0.9	0.4	0.6	0.7	0.8	0.4	0.4	0.6	0.5	0.6
1963	0.6	0.6	0.9	0.7	0.6	0.7	0.6	0.6	0.4	0.3	0.5	0.5	0.6
1964	0.7	0.6	0.8	0.8	0.6	0.6	0.8	0.7	0.5	0.5	0.5	0.7	0.6
1965	0.4	0.7	0.6	0.5	0.5	0.6	0.7	0.6	0.4	0.5	0.4	0.3	0.5
1966	0.5	0.8	0.7	0.7	0.7	0.6	0.8	0.7	0.7	0.4	0.4	0.4	0.6
1967	0.6	0.7	0.7	0.7	0.8	0.7	1.0	0.8	0.5	0.4	0.5	0.8	0.7
1968	0.4	0.2	0.6	0.2	0.4	0.3	0.2	0.1	0.1	0.3	0.4	0.5	0.3
1969	0.4	0.4	0.6	0.8	0.7	0.5	0.6	0.7	0.3	0.3	0.8	0.7	0.6
1970	0.4	1.2	1.0	0.7	0.6	0.6	0.7	0.8	0.5	0.7	0.4	0.6	0.7
1971	0.6	0.9	0.7	0.7	0.7	0.4	0.7	0.5	0.4	0.7	0.5	0.8	0.6
1972	0.8	0.7	0.8	0.8	1.0	1.5	1.0	0.9	0.2	0.4	0.7	0.6	0.8
1973	0.6	0.6	0.8	0.9	0.7	0.5	0.2	0.3	0.2	0.3	0.7	1.2	0.6
1974	0.6	0.8	0.6	0.7	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.5	0.4
1975	0.5	0.5	0.6	0.4	0.2	0.3	0.6	0.4	0.4	0.2	0.3	0.4	0.4
MEAN	0.6	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.4	0.4	0.5	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 98

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.8	2.5	1.9	3.0	1.4	1.7	1.5	1.1	2.6	3.0	1.2	1.8
1957	1.7	3.1	2.4	2.4	2.0	1.7	1.7	2.1	2.2	1.4	2.4	2.5
1958	2.8	2.6	2.6	2.5	2.7	1.8	1.3	2.4	3.1	1.8	2.1	2.9
1959	2.6	2.6	3.1	2.0	1.9	1.6	2.1	1.5	2.6	1.9	2.1	2.6
1960	2.1	3.1	2.6	2.4	2.1	1.8	2.8	1.7	2.9	1.8	1.5	2.1
1961	2.4	3.3	2.5	3.0	2.4	2.2	1.5	2.4	2.3	1.5	2.3	2.2
1962	2.9	2.2	2.4	2.8	1.3	1.7	1.8	2.3	1.5	1.3	3.0	2.3
1963	2.3	2.4	2.6	2.2	1.7	1.9	1.5	1.2	2.4	1.9	2.9	2.5
1964	3.0	3.1	2.5	2.5	1.7	2.1	2.2	1.9	2.5	3.1	2.7	2.6
1965	2.3	3.0	2.5	2.0	1.5	1.5	1.5	1.2	1.1	2.2	1.5	2.1
1966	3.2	3.2	2.7	2.2	2.2	2.7	1.6	1.6	2.4	1.8	2.1	2.1
1967	2.6	2.6	2.5	2.2	2.4	2.1	2.1	2.1	2.3	1.7	2.5	3.2
1968	2.6	1.2	2.9	2.1	1.6	1.2	0.9	0.6	0.3	2.1	2.7	2.9
1969	2.1	1.7	2.6	2.5	2.5	1.6	1.7	1.8	1.6	1.7	3.7	2.8
1970	1.9	3.5	2.8	2.3	2.5	1.9	1.8	1.9	1.5	3.0	2.1	2.8
1971	2.5	2.5	2.1	3.0	2.7	1.0	1.8	2.8	1.4	2.5	2.7	2.4
1972	2.3	3.0	2.5	2.2	3.6	3.1	2.1	1.8	1.8	2.1	2.5	2.4
1973	2.9	3.7	3.3	2.8	2.2	1.4	0.9	1.4	1.4	2.2	3.1	3.7
1974	2.0	2.7	1.9	2.5	2.3	0.9	0.6	0.6	0.9	1.1	1.9	2.8
1975	2.3	2.5	2.6	1.6	1.1	0.9	1.7	0.8	2.1	2.2	2.1	3.0

LARGEST HS(METRES) FOR STATION 98 = 3.7

MEAN HS(METRES) BY MONTH AND YEAR

STATION 99

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.7	0.5	1.1	0.5	0.6	0.7	0.4	0.4	0.5	0.3	0.5	0.5
1957	0.5	0.8	0.6	0.6	0.5	0.5	0.7	0.5	0.5	0.3	0.7	0.6	0.6
1958	0.4	0.5	0.5	0.8	0.6	0.6	0.8	0.7	0.4	0.3	0.4	0.4	0.5
1959	0.5	0.7	0.8	0.6	0.6	0.5	0.8	0.4	0.5	0.8	0.5	0.5	0.6
1960	0.5	0.7	0.5	0.9	0.8	0.6	0.8	0.5	0.5	0.3	0.4	0.4	0.6
1961	0.4	0.7	1.1	0.8	0.8	0.9	0.6	0.8	0.3	0.3	0.4	0.7	0.7
1962	0.6	0.7	0.5	0.9	0.4	0.6	0.7	0.8	0.4	0.4	0.6	0.4	0.6
1963	0.6	0.6	0.8	0.6	0.6	0.7	0.5	0.6	0.5	0.3	0.5	0.4	0.6
1964	0.6	0.5	0.8	0.8	0.5	0.6	0.8	0.7	0.5	0.5	0.5	0.7	0.6
1965	0.4	0.7	0.6	0.5	0.4	0.6	0.6	0.6	0.4	0.6	0.4	0.3	0.5
1966	0.5	0.8	0.6	0.6	0.7	0.6	0.8	0.7	0.7	0.4	0.4	0.5	0.6
1967	0.6	0.6	0.6	0.6	0.8	0.7	1.0	0.8	0.5	0.4	0.4	0.7	0.6
1968	0.4	0.1	0.5	0.2	0.4	0.3	0.2	0.1	0.1	0.4	0.3	0.4	0.3
1969	0.4	0.4	0.5	0.8	0.7	0.5	0.5	0.7	0.4	0.4	0.8	0.6	0.6
1970	0.4	1.1	1.0	0.7	0.5	0.6	0.7	0.8	0.5	0.8	0.4	0.5	0.7
1971	0.5	0.8	0.6	0.6	0.7	0.4	0.7	0.5	0.4	0.7	0.4	0.8	0.6
1972	0.8	0.6	0.7	0.7	1.0	1.4	0.9	0.9	0.2	0.4	0.6	0.6	0.8
1973	0.6	0.5	0.8	0.7	0.6	0.5	0.2	0.3	0.2	0.3	0.6	1.1	0.5
1974	0.5	0.7	0.6	0.6	0.4	0.2	0.1	0.1	0.1	0.2	0.2	0.4	0.4
1975	0.5	0.6	0.5	0.3	0.2	0.3	0.6	0.3	0.4	0.3	0.3	0.3	0.4
MEAN	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.4	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 99

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.6	2.5	1.9	3.0	1.4	1.6	1.4	1.0	2.6	3.1	1.1	1.8	
1957	1.7	3.1	2.4	2.3	2.0	1.7	1.6	2.1	2.2	1.4	2.3	2.4	
1958	2.7	2.6	2.7	2.5	2.6	1.7	1.3	2.3	3.1	1.8	2.1	3.0	
1959	2.5	2.6	2.9	1.9	1.7	1.4	2.1	1.4	2.6	2.0	2.1	2.5	
1960	2.2	3.0	2.5	2.4	2.1	1.6	2.7	1.5	2.9	1.8	1.5	2.0	
1961	2.4	3.3	2.8	2.9	2.4	2.2	1.4	2.4	2.2	1.5	2.2	2.2	
1962	2.7	2.1	2.4	2.7	1.4	1.6	1.9	2.3	1.8	1.4	3.8	2.4	
1963	2.2	2.4	2.6	2.1	1.5	1.8	1.2	1.3	2.3	2.1	2.9	2.5	
1964	2.9	3.1	2.3	2.4	2.1	2.1	2.0	1.8	2.3	3.1	2.7	2.5	
1965	2.1	2.8	2.5	1.9	1.2	1.4	1.5	1.2	1.4	2.2	1.3	2.0	
1966	3.2	3.1	2.5	2.2	2.2	2.8	1.6	1.6	2.4	1.6	2.1	2.0	
1967	2.6	2.5	2.3	2.1	2.4	2.1	2.1	1.9	2.3	1.6	2.5	3.1	
1968	2.8	1.2	2.7	2.0	1.7	1.3	0.9	0.5	0.3	2.1	2.6	2.9	
1969	1.9	1.9	2.6	2.4	2.5	1.6	1.7	1.7	1.4	2.0	3.7	2.8	
1970	1.9	3.4	2.6	2.2	2.4	1.8	1.7	2.0	1.3	3.0	2.3	2.7	
1971	2.4	2.5	2.1	3.0	2.5	1.0	1.7	2.6	1.4	2.3	2.7	2.4	
1972	2.3	2.9	2.4	2.1	3.6	3.0	2.1	1.8	1.7	1.9	2.4	2.3	
1973	2.8	3.5	3.2	2.5	2.1	1.1	0.8	1.4	1.3	2.2	2.7	3.7	
1974	1.9	2.7	1.9	2.5	2.2	0.8	0.6	0.6	0.9	1.4	1.8	2.8	
1975	2.3	2.4	2.6	1.4	1.0	1.1	1.6	0.7	2.0	2.1	1.9	2.8	

LARGEST HS(METRES) FOR STATION 99 = 3.8

MEAN HS(METRES) BY MONTH AND YEAR

STATION 100

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.7	0.5	1.1	0.5	0.6	0.7	0.4	0.4	0.5	0.3	0.5	0.5
1957	0.5	0.8	0.6	0.6	0.5	0.5	0.7	0.5	0.5	0.4	0.7	0.6	0.6
1958	0.4	0.4	0.5	0.7	0.6	0.6	0.7	0.7	0.4	0.4	0.5	0.4	0.5
1959	0.4	0.7	0.7	0.6	0.6	0.5	0.8	0.4	0.5	0.8	0.5	0.5	0.6
1960	0.5	0.7	0.5	0.8	0.8	0.6	0.7	0.5	0.5	0.3	0.4	0.4	0.6
1961	0.4	0.7	1.1	0.8	0.8	0.9	0.6	0.8	0.3	0.3	0.4	0.7	0.7
1962	0.6	0.7	0.5	0.8	0.4	0.6	0.7	0.7	0.4	0.4	0.6	0.4	0.6
1963	0.6	0.6	0.8	0.6	0.6	0.7	0.5	0.5	0.5	0.4	0.5	0.4	0.6
1964	0.6	0.5	0.8	0.7	0.5	0.6	0.7	0.7	0.5	0.5	0.5	0.7	0.6
1965	0.4	0.7	0.6	0.5	0.4	0.6	0.6	0.6	0.4	0.6	0.4	0.3	0.5
1966	0.5	0.7	0.5	0.6	0.7	0.6	0.8	0.7	0.7	0.4	0.4	0.5	0.6
1967	0.6	0.6	0.6	0.5	0.8	0.8	0.9	0.7	0.5	0.4	0.4	0.6	0.6
1968	0.4	0.1	0.4	0.2	0.4	0.3	0.2	0.1	0.1	0.4	0.3	0.4	0.3
1969	0.4	0.3	0.5	0.8	0.7	0.5	0.5	0.7	0.4	0.4	0.8	0.5	0.5
1970	0.4	1.1	0.9	0.7	0.5	0.6	0.7	0.8	0.5	0.8	0.4	0.5	0.7
1971	0.5	0.8	0.5	0.6	0.7	0.3	0.7	0.5	0.4	0.7	0.4	0.8	0.6
1972	0.8	0.6	0.7	0.7	1.0	1.4	0.9	0.8	0.2	0.4	0.6	0.6	0.7
1973	0.6	0.5	0.7	0.7	0.6	0.5	0.2	0.2	0.2	0.3	0.5	1.1	0.5
1974	0.5	0.7	0.6	0.6	0.4	0.2	0.1	0.1	0.1	0.2	0.2	0.4	0.3
1975	0.5	0.8	0.5	0.3	0.1	0.3	0.6	0.3	0.4	0.3	0.3	0.3	0.4
MEAN	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.5	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 100

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.6	2.5	1.7	3.0	1.4	1.6	1.4	1.0	2.6	3.1	1.1	1.8
1957	1.7	3.1	2.4	2.3	2.0	2.0	1.6	2.1	2.5	1.4	2.3	2.4
1958	2.7	2.5	2.7	2.5	2.6	1.7	1.2	2.3	3.1	1.8	2.1	3.0
1959	2.5	2.6	2.9	1.9	1.7	1.4	2.1	1.4	2.6	2.0	2.1	2.5
1960	2.2	3.0	2.5	2.2	2.1	1.6	2.7	1.5	2.8	1.8	1.5	2.0
1961	2.4	3.2	2.8	2.9	2.5	2.2	1.4	2.4	2.2	1.5	2.2	2.2
1962	2.7	2.1	2.3	2.7	1.4	1.6	2.0	2.3	1.8	1.5	3.8	2.4
1963	2.2	2.4	2.6	2.1	1.5	1.9	1.2	1.3	2.3	2.1	2.9	2.5
1964	2.9	3.1	2.3	2.4	2.1	2.2	2.0	1.8	2.3	3.1	2.7	2.5
1965	2.1	2.8	2.5	1.9	1.2	1.4	1.4	1.1	1.4	2.2	1.3	2.0
1966	3.2	3.1	2.5	2.2	2.2	2.8	1.6	1.6	2.4	1.6	2.0	2.0
1967	2.6	2.5	2.3	2.1	2.2	2.1	1.9	1.9	2.3	1.6	2.5	3.1
1968	2.8	1.2	2.7	2.0	1.7	1.3	0.9	0.5	0.4	2.1	2.6	2.8
1969	1.9	2.0	2.6	2.4	2.5	1.6	1.7	1.5	1.4	2.0	3.7	2.8
1970	1.6	3.4	2.6	2.2	2.4	1.8	1.7	2.0	1.3	3.0	2.3	2.7
1971	2.4	2.5	2.1	3.0	2.5	1.0	1.7	2.6	1.4	2.4	2.7	2.4
1972	2.3	2.9	2.4	2.1	3.6	3.0	2.1	1.8	1.7	1.9	2.3	2.3
1973	2.8	3.5	3.1	2.5	2.1	1.1	0.8	1.4	1.3	2.1	2.7	3.7
1974	1.9	2.6	1.6	2.3	2.1	0.8	0.5	0.5	0.9	1.4	1.8	2.8
1975	2.3	2.4	2.5	1.4	1.0	1.1	1.6	0.7	2.0	2.1	1.9	2.8

LARGEST HS(METRES) FOR STATION 100 = 3.8

STATION 101 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 44.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1158	1793	2236	1533	241	.	.	.	.	.	6961
0.50 - 0.99	.	.	148	8	.	.	.	.	.	.	156
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1158	1793	2384	1541	241	0	0	0	0	0	0

AVERAGE HS(M) = 0.19 LARGEST HS(M) = 0.70 ANGLE CLASS % = 7.1

STATION 101 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 44.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1824	3035	855	487	1887	4907	946	15	15	.	13971
0.50 - 0.99	.	758	4123	2397	1090	4784	1233	27	11	.	14425
1.00 - 1.49	.	.	171	90	727	1625	804	41	10	.	438
1.50 - 1.99	.	.	.	23	56	287	227	37	9	.	138
2.00 - 2.49	10	30	15	1	.	56
2.50 - 2.99	3	1	.	.	4
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1824	3793	5149	3897	4014	12314	3361	170	45	0	0

AVERAGE HS(M) = 0.67 LARGEST HS(M) = 3.23 ANGLE CLASS % = 34.6

STATION 101 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 44.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	523	463	1043	80	847	537	379	229	183	136	3297
0.50 - 0.99	.	537	155	547	100	347	261	78	215	333	2994
1.00 - 1.49	.	.	.	61	261	179	116	22	104	220	1435
1.50 - 1.99	56	201	80	16	20	53	822
2.00 - 2.49	3	325	88	10	11	200	180
2.50 - 2.99	54	15	20	5	8	39
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	523	1000	1198	688	1359	1643	1034	380	539	770	0

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 3.63 ANGLE CLASS % = 9.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 101

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.7	0.4	0.8	0.5	0.6	0.5	0.2	0.4	0.8	0.5	0.4	0.5
1957	0.6	0.8	0.6	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.7	0.6	0.6
1958	0.5	0.5	0.5	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6
1959	0.4	0.8	0.8	0.6	0.6	0.4	0.9	0.4	0.6	0.9	0.6	0.6	0.6
1960	0.5	0.8	0.6	0.7	0.8	0.6	0.7	0.5	0.6	0.4	0.4	0.4	0.6
1961	0.4	0.7	0.9	0.7	0.8	0.8	0.5	0.8	0.5	0.4	0.4	0.6	0.7
1962	0.6	0.7	0.6	0.7	0.4	0.6	0.6	0.6	0.4	0.5	0.8	0.8	0.6
1963	0.7	1.0	0.8	0.6	0.6	0.7	0.5	0.5	0.7	0.7	0.6	0.5	0.7
1964	0.6	0.5	0.7	0.7	0.5	0.6	0.7	0.7	0.8	1.1	1.1	1.1	0.8
1965	0.9	1.0	0.8	0.7	0.4	0.5	0.6	0.4	0.6	0.7	0.5	0.3	0.6
1966	0.6	0.8	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6
1967	0.5	0.6	0.6	0.6	0.7	0.9	0.8	0.6	0.6	0.5	0.3	0.7	0.6
1968	0.5	0.2	0.4	0.2	0.3	0.3	0.2	0.1	0.1	0.4	0.3	0.4	0.3
1969	0.5	0.4	0.5	0.8	0.7	0.5	0.5	0.7	0.4	0.6	0.9	0.6	0.6
1970	0.4	0.8	0.9	0.7	0.5	0.6	0.6	0.8	0.4	1.0	0.6	0.5	0.6
1971	0.6	0.7	0.5	0.6	0.6	0.3	0.6	0.5	0.5	0.9	0.8	1.1	0.7
1972	0.7	0.7	0.7	0.6	1.0	1.3	0.9	0.6	0.3	0.7	0.6	0.6	0.7
1973	0.6	0.6	0.8	0.7	0.6	0.5	0.1	0.2	0.3	0.4	0.5	1.1	0.5
1974	0.5	0.7	0.5	0.5	0.3	0.2	0.1	0.1	0.2	0.3	0.2	0.4	0.3
1975	0.4	0.9	0.5	0.2	0.1	0.2	0.5	0.2	0.5	0.4	0.3	0.4	0.4
MEAN	0.5	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 101

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	2.4	1.6	2.5	1.6	1.4	1.1	0.9	2.4	2.8	1.3	1.5	
1957	1.7	3.1	2.4	2.3	2.0	1.9	1.5	2.1	2.4	1.4	2.2	2.3	
1958	2.7	2.4	2.8	2.4	2.3	1.3	1.1	2.1	2.8	2.0	2.1	3.1	
1959	2.6	2.6	2.7	1.8	1.7	1.5	2.1	1.1	2.7	2.2	2.4	2.2	
1960	2.3	3.0	2.4	2.2	2.2	1.3	2.6	1.2	2.4	1.8	1.9	2.1	
1961	2.4	2.9	2.8	2.3	2.5	2.1	1.3	2.3	2.0	1.3	2.2	2.1	
1962	2.5	2.2	2.3	2.7	1.6	1.4	2.1	2.4	1.9	1.7	3.3	2.4	
1963	2.1	2.3	2.3	2.1	1.8	1.6	1.0	1.2	2.3	2.3	2.7	2.5	
1964	2.7	3.0	2.2	2.1	2.7	2.4	1.7	1.9	2.7	2.9	2.7	2.2	
1965	1.8	2.7	2.4	1.7	1.1	1.4	1.7	1.1	1.8	2.2	1.1	1.3	
1966	3.3	3.0	2.5	1.7	2.0	3.1	1.9	1.5	2.2	1.6	1.8	1.9	
1967	2.6	2.5	2.3	2.4	2.1	2.2	2.2	1.7	2.3	1.4	1.8	3.1	
1968	2.6	1.2	2.7	1.6	1.5	1.6	0.9	0.7	0.4	2.1	2.0	2.5	
1969	2.0	3.2	2.7	2.4	2.4	1.8	1.8	1.6	1.7	2.3	3.8	2.7	
1970	1.8	3.1	2.3	2.3	2.4	1.9	1.7	1.8	1.1	3.2	2.4	2.8	
1971	2.4	2.4	2.6	2.9	2.5	0.9	1.6	2.5	1.7	2.5	2.6	2.5	
1972	2.2	2.9	2.3	2.0	3.0	2.9	2.1	1.7	1.2	2.0	2.3	2.4	
1973	2.8	3.3	2.9	2.2	1.9	1.0	0.5	1.4	1.8	1.9	2.7	3.2	
1974	1.8	2.5	1.4	2.2	2.0	0.6	0.3	0.5	1.1	1.8	2.0	2.8	
1975	2.6	2.3	2.4	1.2	1.0	1.1	1.4	0.6	2.0	1.9	1.7	2.8	

LARGEST HS(METRES) FOR STATION 101 = 3.8

STATION 102 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 29.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1408	1890	864	309	725	1213	1403	793	345	1979	10839
0.50 - 0.99	.	508	2997	2796	549	1833	1088	479	453	1832	12215
1.00 - 1.49	.	.	94	894	824	906	480	87	149	475	3523
1.50 - 1.99	.	.	.	17	347	747	205	44	30	18	1408
2.00 - 2.49	46	246	87	13	32	23	447
2.50 - 2.99	1	22	5	1	.	10	94
3.00 - 3.49	11	17
3.50 - 3.99	6
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1408	2398	3955	4016	2482	4757	3324	1338	1029	4348	

AVERAGE HS(M) = 0.71 LARGEST HS(M) = 3.97 ANGLE CLASS % = 29.1

STATION 102 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 29.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	509	889	1639	3138	723	18	.	.	.	.	6916
0.50 - 0.99	.	.	13	183	41	20	.	.	.	.	237
1.00 - 1.49	20
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	509	889	1652	3321	764	18	0	0	0	0	

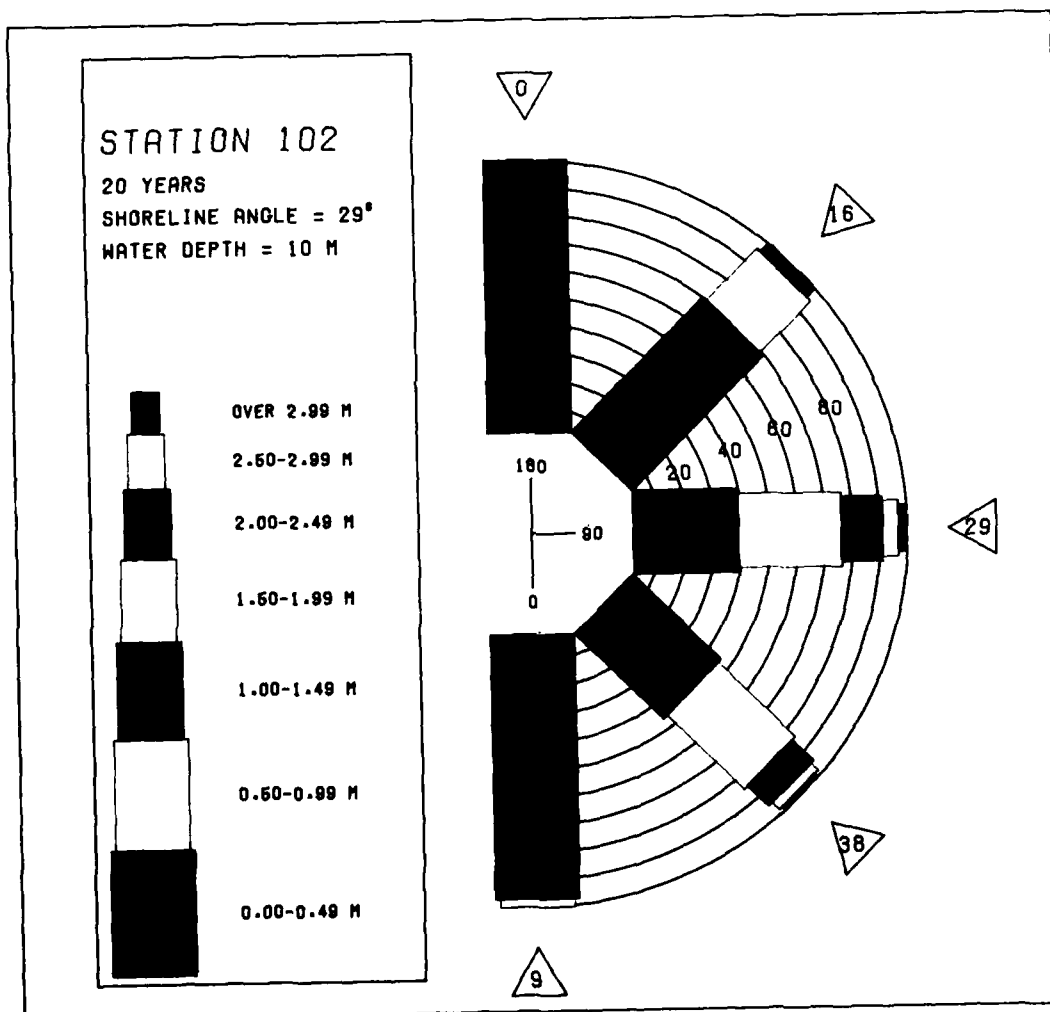
AVERAGE HS(M) = 0.19 LARGEST HS(M) = 1.24 ANGLE CLASS % = 7.2

STATION 102 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 29.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 102 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 29.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
5.0-5.49											4729
4.5-4.99											2994
4.0-4.49											891
3.5-3.99											111
3.0-3.49											25
2.5-2.99											00000000
2.0-2.49											00000000
1.5-1.99											00000000
1.0-1.49											00000000
0.5-0.99											00000000
0.0-0.49											00000000
GREATER											00000000
TOTAL	566	1003	1450	1336	947	2042	846	192	162	526	
AVE HS(M) = 0.53 LARGEST HS(M) = 3.97 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 102

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.3	0.6	0.4	0.7	0.4	0.6	0.5	0.2	0.4	0.8	0.5	0.4	0.5
1957	0.5	0.7	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.6
1958	0.4	0.4	0.5	0.7	0.6	0.5	0.6	0.6	0.6	0.6	0.4	0.4	0.5
1959	0.4	0.7	0.7	0.5	0.6	0.4	0.9	0.4	0.6	0.8	0.6	0.5	0.6
1960	0.5	0.7	0.5	0.7	0.7	0.5	0.6	0.4	0.6	0.3	0.4	0.4	0.5
1961	0.3	0.7	0.9	0.6	0.7	0.7	0.5	0.8	0.5	0.4	0.4	0.6	0.6
1962	0.5	0.6	0.6	0.7	0.3	0.6	0.5	0.6	0.4	0.5	0.8	0.8	0.6
1963	0.6	1.0	0.7	0.5	0.6	0.7	0.5	0.5	0.7	0.7	0.5	0.4	0.6
1964	0.5	0.4	0.6	0.7	0.5	0.6	0.7	0.7	0.8	1.1	1.1	1.1	0.7
1965	0.8	1.0	0.8	0.7	0.3	0.5	0.5	0.4	0.5	0.7	0.5	0.3	0.6
1966	0.5	0.8	0.5	0.5	0.7	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.6
1967	0.5	0.5	0.6	0.5	0.6	0.9	0.7	0.6	0.6	0.4	0.3	0.6	0.6
1968	0.5	0.1	0.3	0.2	0.3	0.3	0.1	0.1	0.1	0.4	0.3	0.3	0.3
1969	0.5	0.4	0.4	0.7	0.7	0.5	0.5	0.6	0.4	0.5	0.9	0.5	0.6
1970	0.4	0.8	0.8	0.6	0.4	0.6	0.5	0.7	0.3	1.0	0.6	0.4	0.6
1971	0.5	0.6	0.4	0.5	0.6	0.3	0.6	0.5	0.5	0.9	0.8	1.1	0.6
1972	0.6	0.6	0.6	0.6	1.0	1.2	0.8	0.6	0.2	0.6	0.6	0.6	0.7
1973	0.6	0.5	0.7	0.6	0.5	0.4	0.1	0.2	0.3	0.3	0.4	1.0	0.5
1974	0.4	0.6	0.4	0.4	0.3	0.1	0.1	0.1	0.2	0.3	0.2	0.3	0.3
1975	0.4	0.9	0.4	0.2	0.1	0.2	0.5	0.2	0.4	0.4	0.3	0.4	0.4
MEAN	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 102

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.1	2.2	1.5	2.1	1.6	1.5	1.1	0.9	2.5	2.8	1.4	1.4	
1957	1.8	3.1	2.4	2.0	1.7	1.9	1.5	2.0	2.3	1.4	2.1	2.1	
1958	2.6	2.3	2.8	2.6	2.2	1.3	1.0	2.0	2.4	2.1	1.9	3.1	
1959	2.4	2.5	2.5	1.6	1.4	1.2	2.1	1.0	2.6	2.3	2.4	2.1	
1960	2.3	2.9	2.3	2.0	2.2	1.2	2.2	1.1	2.3	1.8	1.9	2.0	
1961	2.4	2.9	2.9	2.7	2.6	2.0	1.3	2.3	2.0	1.3	2.0	2.0	
1962	2.4	2.1	2.2	2.6	1.5	1.4	2.1	2.3	1.9	1.7	3.3	2.4	
1963	2.1	2.1	2.2	2.1	1.8	1.6	0.9	1.2	2.1	2.3	2.7	2.4	
1964	2.6	2.9	1.9	2.1	2.8	2.3	1.5	1.9	2.4	2.8	2.5	2.2	
1965	1.6	2.7	2.4	1.8	1.1	1.4	1.4	1.0	1.5	2.3	1.0	1.3	
1966	3.1	2.6	2.2	1.5	1.9	3.2	1.8	1.5	2.1	1.3	1.7	1.8	
1967	2.4	2.5	1.8	2.4	1.9	2.2	1.8	1.5	2.3	1.4	1.6	3.0	
1968	2.7	1.2	2.3	1.5	1.4	1.6	0.9	0.6	0.4	2.1	1.8	2.4	
1969	1.9	3.2	2.6	2.2	2.4	1.8	1.8	1.3	1.6	2.4	4.0	2.6	
1970	1.7	2.9	2.3	2.3	2.4	1.9	1.5	1.6	1.0	3.2	2.5	2.7	
1971	2.1	2.2	2.6	2.8	2.3	0.9	1.3	2.4	1.7	2.5	2.5	2.5	
1972	2.2	2.8	2.3	2.0	2.9	2.8	2.1	1.6	1.1	1.6	2.2	2.4	
1973	2.6	3.0	2.7	2.2	1.6	1.0	0.4	1.1	1.8	1.7	2.4	3.0	
1974	1.8	2.3	1.3	1.9	1.8	0.0	0.3	0.5	1.1	1.8	2.0	2.7	
1975	2.3	2.3	2.4	1.1	0.9	1.0	1.3	0.5	1.8	1.8	1.3	2.6	

LARGEST HS(METRES) FOR STATION 102 = 4.0

STATION 103 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	2500	4419	3550	2354	694	711	342	10	10	.		14590
0.5 - 0.99	.	369	2883	1929	764	524	99	.	.	.		6631
1.0 - 1.49	.	.	22	160	181	41	.	.	.	.		404
1.5 - 1.99	11	.	.	.	.	.		11
2.0 - 2.49		0
2.5 - 2.99		0
3.0 - 3.49		0
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - 5.00		0
5.00 - GREATER		0
TOTAL	2500	4788	6455	4473	1650	1306	441	10	13	0		0

AVERAGE HS(M) = 0.40 LARGEST HS(M) = 1.67 ANGLE CLASS % = 21.6

STATION 103 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	708	838	.	.	2012	5764	1250	219	92	.		10883
0.5 - 0.99	.	716	1712	338	349	2991	1257	121	18	.		7503
1.0 - 1.49	.	.	157	866	422	1107	128	56	1	.		2965
1.5 - 1.99	.	.	.	32	301	627	164	13	1	.		1144
2.0 - 2.49	53	192	121	18	.	.		386
2.5 - 2.99	1	15	32	1	.	.		6
3.0 - 3.49		0
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - 5.00		0
5.00 - GREATER		0
TOTAL	708	1554	1869	1256	3138	10697	3152	447	124	2		0

AVERAGE HS(M) = 0.67 LARGEST HS(M) = 2.91 ANGLE CLASS % = 23.0

STATION 103 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	583	479	.	.	639	1216	723	73	165	215		4093
0.5 - 0.99	.	515	1211	54	46	537	222	58	189	400		3232
1.0 - 1.49	.	.	130	607	111	155	35	10	107	217		1380
1.5 - 1.99	.	.	.	41	263	116	35	1	11	42		511
2.0 - 2.49	53	239	34	1	5	10		343
2.5 - 2.99	3	42	17	6	1	5		121
3.0 - 3.49	3	.	.		28
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - 5.00		0
5.00 - GREATER		0
TOTAL	583	994	1341	702	1115	2305	1125	168	484	895		0

AVERAGE HS(M) = 0.74 LARGEST HS(M) = 3.85 ANGLE CLASS % = 9.7

MEAN HS(METRES) BY MONTH AND YEAR

STATION 103

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.6	0.4	0.7	0.5	0.6	0.5	0.2	0.4	0.9	0.5	0.4	0.5
1957	0.6	0.7	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.7	0.6	0.6	0.6
1958	0.5	0.4	0.5	0.7	0.6	0.5	0.5	0.6	0.6	0.7	0.5	0.5	0.6
1959	0.4	0.7	0.7	0.5	0.6	0.6	0.4	0.9	0.3	0.7	0.9	0.7	0.6
1960	0.5	0.7	0.6	0.6	0.7	0.6	0.7	0.5	0.7	0.4	0.5	0.4	0.6
1961	0.4	0.7	0.9	0.6	0.8	0.7	0.5	0.8	0.5	0.5	0.5	0.6	0.6
1962	0.6	0.7	0.6	0.6	0.4	0.6	0.6	0.6	0.5	0.5	0.8	0.9	0.6
1963	0.6	1.0	0.7	0.5	0.6	0.7	0.5	0.5	0.8	0.8	0.6	0.5	0.7
1964	0.5	0.4	0.6	0.7	0.6	0.7	0.7	0.7	0.9	1.2	1.1	1.1	0.8
1965	0.9	1.0	0.8	0.7	0.3	0.5	0.6	0.4	0.6	0.8	0.5	0.3	0.6
1966	0.6	0.8	0.6	0.5	0.7	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6
1967	0.5	0.6	0.6	0.5	0.7	1.0	0.6	0.6	0.7	0.5	0.3	0.6	0.6
1968	0.6	0.2	0.3	0.2	0.3	0.3	0.2	0.1	0.1	0.4	0.3	0.3	0.3
1969	0.6	0.5	0.4	0.7	0.7	0.5	0.4	0.7	0.5	0.7	0.9	0.5	0.6
1970	0.4	0.7	0.8	0.6	0.5	0.6	0.5	0.7	0.4	1.1	0.6	0.4	0.6
1971	0.5	0.6	0.4	0.5	0.6	0.3	0.6	0.5	0.6	1.0	0.8	1.2	0.6
1972	0.7	0.7	0.6	0.6	1.0	1.2	0.8	0.6	0.3	0.8	0.6	0.6	0.7
1973	0.6	0.6	0.7	0.6	0.5	0.5	0.1	0.2	0.3	0.4	0.4	1.0	0.5
1974	0.4	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.3	0.4	0.2	0.3	0.3
1975	0.4	0.9	0.4	0.2	0.1	0.2	0.5	0.2	0.5	0.4	0.3	0.4	0.4
MEAN	0.5	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 103

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.2	2.3	1.4	2.1	1.8	1.6	1.0	0.8	2.5	2.8	1.5	1.4
1957	1.9	3.0	2.4	1.9	1.7	2.2	1.6	2.0	2.6	1.5	2.0	2.1
1958	2.5	2.2	2.7	2.7	2.3	1.3	1.0	1.9	2.5	2.1	1.9	3.1
1959	2.4	2.5	2.4	1.6	1.6	1.1	2.2	1.0	2.6	2.5	2.4	2.0
1960	2.4	2.8	2.3	1.9	2.1	1.2	2.1	1.1	2.3	1.8	1.8	1.9
1961	2.4	2.9	2.9	2.6	2.6	2.0	1.4	2.2	1.9	1.5	1.9	2.0
1962	2.4	2.1	2.2	2.5	1.7	1.5	2.1	2.5	2.2	2.0	3.5	2.5
1963	2.1	2.6	2.2	2.2	2.0	1.6	0.9	1.3	2.5	2.4	2.6	2.5
1964	2.6	2.9	2.0	2.1	3.0	2.6	1.5	1.9	2.5	2.8	2.5	2.2
1965	1.5	2.7	2.4	1.8	1.2	1.5	1.4	1.2	2.1	2.5	1.2	1.2
1966	3.1	2.7	2.1	1.5	1.9	3.2	1.8	1.5	2.2	1.5	1.7	1.9
1967	2.2	2.5	1.8	2.3	2.1	2.3	1.6	1.4	2.3	1.5	1.5	2.8
1968	2.7	1.2	2.3	1.4	1.4	1.6	0.9	0.9	0.5	2.1	1.7	2.2
1969	2.0	3.3	2.5	2.2	2.3	1.7	1.7	1.4	2.0	2.7	4.0	2.5
1970	1.8	2.7	2.4	2.2	2.3	2.1	1.4	1.7	1.1	3.2	2.7	2.5
1971	2.0	2.1	2.6	2.8	2.2	1.0	1.2	2.4	1.8	2.7	2.4	2.6
1972	2.2	2.8	2.3	2.1	2.9	2.7	2.1	1.7	1.1	1.6	2.4	2.4
1973	2.5	2.9	2.6	2.1	1.5	1.1	0.4	1.1	2.0	1.6	2.3	3.0
1974	2.0	2.2	1.2	1.8	1.6	0.7	0.5	0.5	1.1	2.0	2.2	2.6
1975	2.2	2.4	2.3	1.1	0.9	1.1	1.2	0.7	2.1	2.0	1.2	2.6

LARGEST HS(METRES) FOR STATION 103 = 4.0

STATION 104 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 19.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2476	4413	3603	2414	742	826	338	13	18	.	14843
0.50 - 0.99	.	354	2814	1933	727	600	119	1	3	.	6551
1.00 - 1.49	.	.	18	157	157	35	.	.	.	.	367
1.50 - 1.99	15	.	.	.	.	.	15
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2476	4767	6435	4504	1641	1461	457	14	21	0	0

AVERAGE HS(M) = 0.40 LARGEST HS(M) = 1.75 ANGLE CLASS % = 21.8

STATION 104 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 19.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	725	823	1692	330	2048	5667	1206	207	80	1	10756
0.50 - 0.99	.	727	150	893	359	2878	1137	124	22	.	7270
1.00 - 1.49	.	.	.	35	426	1059	323	53	15	1	2915
1.50 - 1.99	299	617	157	17	6	.	1131
2.00 - 2.49	51	181	116	17	.	.	365
2.50 - 2.99	3	13	29	18	.	.	63
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	725	1550	1842	1258	3186	10415	2968	436	118	2	0

AVERAGE HS(M) = 0.66 LARGEST HS(M) = 2.91 ANGLE CLASS % = 22.5

STATION 104 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 19.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	566	477	1220	56	600	1218	848	171	177	1291	5348
0.50 - 0.99	.	516	133	616	109	544	233	58	186	2501	3444
1.00 - 1.49	.	.	.	34	261	160	200	107	107	213	1277
1.50 - 1.99	50	219	200	10	6	43	406
2.00 - 2.49	1	44	200	3	3	100	100
2.50 - 2.99	17	3	1	.	20
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	566	993	1353	706	1080	2338	1280	266	492	2150	0

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 3.85 ANGLE CLASS % = 11.2

STATION 104 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 19.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	973	1197	44	1125	953	1735	1392	462	253	643	7652
0.50-0.99	.	627	2707	1651	126	1409	1028	465	391	1502	9380
1.00-1.49	.	.	150	61	780	602	465	455	183	550	4486
1.50-1.99	561	610	198	2	34	30	1552
2.00-2.49	90	446	53	.	.	10	710
2.50-2.99	34	6	.	.	.	200
3.00-3.49	1	.	.	.	.	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	973	1824	2901	2837	2510	4837	3238	1085	912	2766	

AVERAGE HS(M) = 0.81 LARGEST HS(M) = 3.99 ANGLE CLASS % = 23.9

STATION 104 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 19.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	857	1584	2188	2980	865	160	.	.	.	.	8634
0.50-0.99	.	30	1096	3441	248	20	1	.	.	.	4836
1.00-1.49	.	.	.	326	150	8	.	.	.	.	484
1.50-1.99	20	1	.	.	.	.	21
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	857	1614	3284	6747	1283	189	1	0	0	0	

AVERAGE HS(M) = 0.42 LARGEST HS(M) = 1.82 ANGLE CLASS % = 14.0

STATION 104 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 19.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

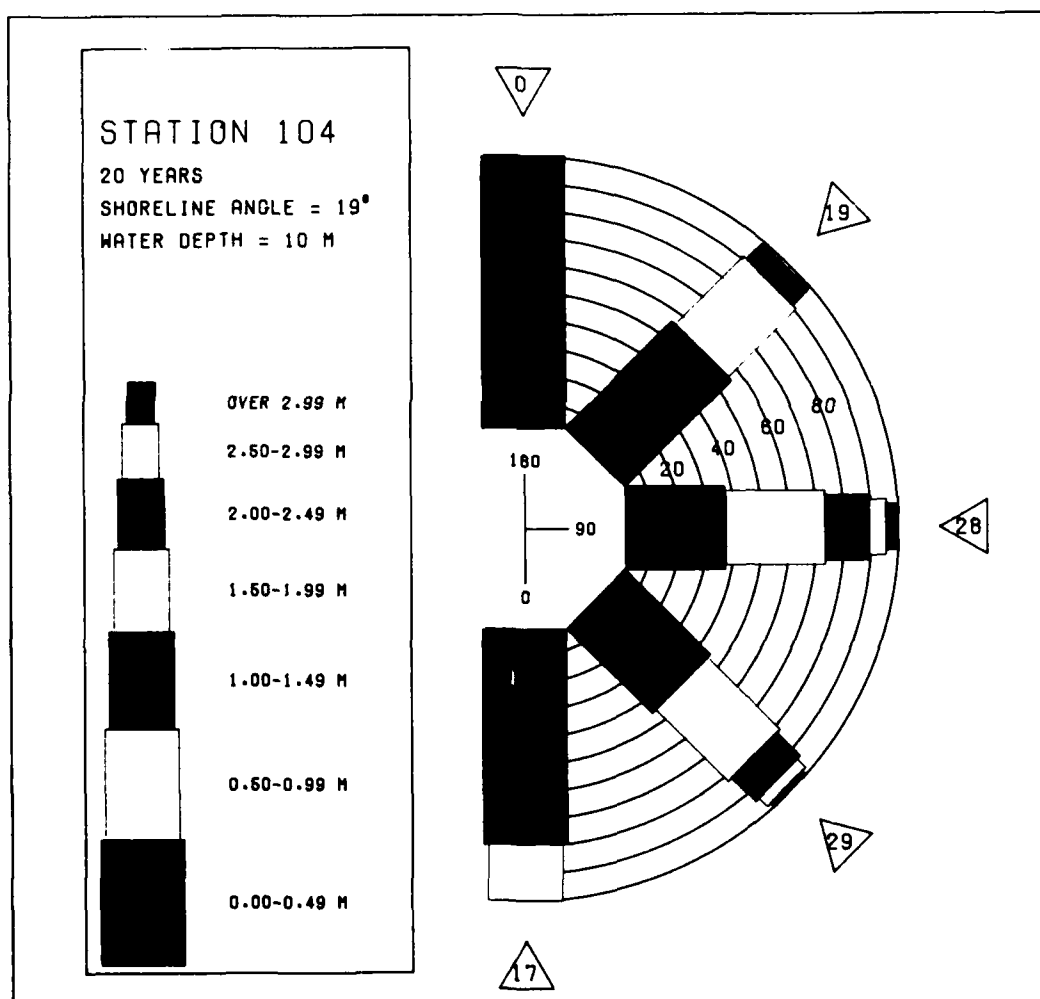
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	0
0.50-0.99	0
1.00-1.49	0
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 104 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 19.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	559	849	553	539	521	960	378	85	53	193	4720
0.50 - 0.99	.	225	553	686	151	545	252	65	60	208	3147
1.00 - 1.49	.	.	45	304	122	125	82	15	30	79	960
1.50 - 1.99	.	.	.	13	115	135	39	9	6	3	121
2.00 - 2.49	20	83	24	3	4	1	143
2.50 - 2.99	9	14	.	.	.	27
3.00 - 3.49	3
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	559	1074	1581	1604	969	1923	791	178	153	489	

AVE HS(M) = 0.56 LARGEST HS(M) = 3.99 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 104

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.6	0.4	0.7	0.5	0.6	0.5	0.2	0.4	0.9	0.5	0.4	0.5
1957	0.6	0.7	0.6	0.6	0.5	0.6	0.6	0.5	0.6	0.7	0.6	0.6	0.6
1958	0.5	0.4	0.5	0.7	0.6	0.5	0.5	0.6	0.6	0.7	0.5	0.5	0.6
1959	0.4	0.7	0.7	0.5	0.6	0.4	0.9	0.3	0.7	0.9	0.7	0.6	0.6
1960	0.5	0.7	0.6	0.6	0.7	0.6	0.7	0.5	0.7	0.4	0.5	0.4	0.6
1961	0.4	0.7	0.9	0.6	0.7	0.7	0.5	0.8	0.6	0.5	0.5	0.6	0.6
1962	0.6	0.6	0.6	0.6	0.4	0.6	0.6	0.6	0.5	0.5	0.8	0.9	0.6
1963	0.6	1.0	0.7	0.5	0.6	0.7	0.5	0.5	0.8	0.9	0.6	0.5	0.7
1964	0.5	0.4	0.6	0.7	0.6	0.7	0.7	0.7	0.9	1.2	1.1	1.1	0.8
1965	0.9	1.0	0.8	0.7	0.3	0.5	0.5	0.4	0.6	0.8	0.5	0.3	0.6
1966	0.6	0.8	0.6	0.5	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6
1967	0.5	0.6	0.6	0.5	0.7	1.0	0.6	0.6	0.7	0.5	0.3	0.6	0.6
1968	0.6	0.2	0.3	0.2	0.3	0.3	0.2	0.1	0.1	0.4	0.3	0.3	0.3
1969	0.6	0.5	0.4	0.7	0.7	0.5	0.4	0.7	0.5	0.7	0.9	0.5	0.6
1970	0.4	0.7	0.8	0.6	0.5	0.6	0.5	0.7	0.4	1.1	0.6	0.4	0.6
1971	0.5	0.6	0.4	0.5	0.6	0.3	0.6	0.5	0.6	1.0	0.8	1.2	0.6
1972	0.7	0.7	0.6	0.6	1.0	1.2	0.8	0.6	0.4	0.8	0.6	0.6	0.7
1973	0.6	0.6	0.7	0.6	0.5	0.5	0.1	0.2	0.3	0.4	0.4	1.0	0.5
1974	0.4	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.3	0.4	0.2	0.3	0.3
1975	0.4	0.9	0.4	0.2	0.1	0.2	0.5	0.2	0.5	0.4	0.3	0.4	0.4
MEAN	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 104

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.2	2.3	1.4	2.1	1.8	1.6	1.0	0.8	2.5	2.8	1.5	1.4	
1957	1.9	3.0	2.4	1.9	1.7	2.2	1.7	2.0	2.6	1.5	2.0	2.0	
1958	2.5	2.2	2.7	2.7	2.3	1.3	1.0	1.9	2.5	2.1	1.9	3.1	
1959	2.4	2.4	2.4	1.6	1.6	1.1	2.2	1.0	2.6	2.5	2.4	2.0	
1960	2.4	2.8	2.3	1.9	2.1	1.2	2.1	1.1	2.3	1.8	1.8	1.9	
1961	2.4	2.9	2.9	2.6	2.6	2.0	1.4	2.2	1.9	1.5	1.9	2.0	
1962	2.4	2.1	2.2	2.5	1.7	1.5	2.1	2.5	2.2	2.0	3.5	2.5	
1963	2.1	2.6	2.2	2.2	2.0	1.6	0.9	1.3	2.5	2.5	2.6	2.5	
1964	2.6	2.9	1.7	2.1	3.0	2.6	1.5	2.0	2.5	2.8	2.5	2.2	
1965	1.5	2.7	2.4	1.8	1.2	1.5	1.4	1.2	2.1	2.5	1.2	1.2	
1966	3.1	2.5	2.1	1.4	1.8	3.2	1.8	1.5	2.2	1.5	1.7	1.9	
1967	2.2	2.5	1.8	2.3	2.1	2.3	1.6	1.4	2.3	1.5	1.5	2.8	
1968	2.7	1.2	2.2	1.4	1.4	1.6	0.9	0.9	0.5	2.1	1.7	2.2	
1969	2.0	3.3	2.5	2.2	2.3	1.7	1.7	1.5	2.0	2.7	4.0	2.5	
1970	1.8	2.7	2.4	2.2	2.3	2.3	1.4	1.7	1.1	3.2	2.7	2.5	
1971	2.0	2.1	2.6	2.8	2.2	1.0	1.2	2.4	1.8	2.7	2.4	2.6	
1972	2.2	2.8	2.3	2.1	2.9	2.7	2.1	1.7	1.1	1.6	2.4	2.4	
1973	2.5	2.9	2.6	2.1	1.5	1.1	0.4	1.1	2.0	1.6	2.3	3.0	
1974	2.0	2.1	1.2	1.8	1.6	0.7	0.5	0.5	1.1	2.0	2.2	2.6	
1975	2.2	2.4	2.3	1.1	0.9	1.1	1.2	0.7	2.1	2.0	1.2	2.6	

LARGEST HS(METRES) FOR STATION 104 = 4.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 105

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.7	0.6	1.0	0.4	0.4	0.6	0.2	0.3	0.2	0.2	0.6	0.5
1957	0.4	0.5	0.5	0.6	0.4	0.5	0.5	0.5	0.4	0.2	0.7	0.6	0.5
1958	0.5	0.6	0.4	0.6	0.5	0.7	0.8	0.7	0.3	0.1	0.4	0.3	0.5
1959	0.5	0.7	0.7	0.7	0.6	0.4	0.9	0.5	0.2	0.7	0.4	0.5	0.6
1960	0.5	0.7	0.6	0.7	0.7	0.6	0.8	0.5	0.5	0.2	0.3	0.3	0.5
1961	0.5	0.7	0.6	0.9	0.7	0.9	0.7	0.7	0.2	0.1	0.3	0.7	0.6
1962	0.6	0.7	0.5	0.8	0.3	0.5	0.6	0.4	0.3	0.2	0.4	0.3	0.5
1963	0.7	0.4	0.8	0.5	0.4	0.5	0.4	0.3	0.2	0.1	0.4	0.3	0.4
1964	0.6	0.6	0.8	0.7	0.4	0.5	0.8	0.6	0.3	0.4	0.4	0.7	0.6
1965	0.4	0.7	0.6	0.6	0.4	0.7	0.7	0.6	0.2	0.4	0.3	0.2	0.5
1966	0.4	0.7	0.6	0.7	0.6	0.5	0.7	0.6	0.5	0.3	0.3	0.3	0.5
1967	0.5	0.6	0.6	0.7	0.7	0.4	1.0	0.6	0.3	0.3	0.4	0.6	0.6
1968	0.2	0.2	0.6	0.2	0.3	0.3	0.2	0.1	0.0	0.3	0.4	0.4	0.3
1969	0.4	0.4	0.6	0.6	0.6	0.4	0.5	0.5	0.2	0.2	0.7	0.6	0.5
1970	0.4	0.9	0.9	0.7	0.4	0.6	0.7	0.8	0.3	0.4	0.3	0.5	0.6
1971	0.5	0.8	0.6	0.6	0.7	0.3	0.7	0.4	0.2	0.5	0.4	0.6	0.5
1972	0.8	0.5	0.7	0.8	0.7	1.0	0.8	0.5	0.2	0.3	0.5	0.6	0.6
1973	0.5	0.5	0.8	0.8	0.7	0.5	0.1	0.2	0.2	0.2	0.6	0.9	0.5
1974	0.5	0.7	0.6	0.6	0.4	0.2	0.1	0.1	0.1	0.1	0.2	0.4	0.3
1975	0.4	0.4	0.6	0.3	0.1	0.2	0.4	0.2	0.2	0.2	0.2	0.3	0.3
MEAN	0.5	0.6	0.6	0.7	0.5	0.5	0.6	0.5	0.3	0.3	0.4	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 105

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.2	2.1	3.1	1.3	1.5	1.4	1.1	3.1	2.3	1.0	2.0	
1957	2.1	2.8	2.1	2.8	1.5	1.7	1.3	1.3	1.1	1.3	2.3	2.4	
1958	2.9	2.6	2.1	2.6	2.3	1.9	1.3	1.9	2.6	1.8	1.8	2.9	
1959	2.6	2.4	3.0	2.1	2.1	2.1	2.2	1.9	2.0	2.1	2.2	2.5	
1960	2.3	3.2	3.0	2.4	2.2	1.9	3.0	1.4	3.4	1.4	1.7	2.1	
1961	2.6	2.9	2.1	3.0	2.1	2.2	1.5	2.2	2.0	1.2	2.4	2.5	
1962	3.0	2.3	2.6	2.9	1.0	1.5	2.1	2.2	1.4	1.1	3.1	2.0	
1963	2.3	2.6	2.5	2.1	1.7	2.0	1.6	1.4	2.6	1.5	2.5	2.4	
1964	2.8	3.0	2.6	2.3	1.5	1.0	2.4	2.0	3.6	2.8	2.8	2.2	
1965	2.2	2.7	2.4	2.2	1.3	1.8	1.9	1.2	1.1	2.5	1.7	1.4	
1966	3.3	3.5	3.0	2.1	2.0	2.7	2.0	1.6	1.8	2.0	2.2	2.2	
1967	2.5	2.6	2.7	2.1	2.4	1.9	2.4	2.0	2.1	2.0	2.5	3.1	
1968	1.4	1.4	3.1	1.8	1.3	1.3	0.9	0.6	0.2	1.7	2.4	2.9	
1969	1.6	1.8	2.7	2.6	2.1	1.8	1.6	2.0	1.2	1.2	3.0	2.9	
1970	1.9	3.2	2.7	2.5	2.4	1.9	2.0	2.0	1.3	2.6	2.1	3.0	
1971	2.8	3.2	3.2	2.8	2.7	1.1	2.2	2.5	1.2	2.3	2.9	2.6	
1972	2.6	3.0	2.6	2.2	2.2	3.1	2.0	1.7	1.7	2.3	2.8	2.6	
1973	3.0	3.5	3.3	2.6	2.1	1.3	0.5	1.9	1.7	2.2	3.2	3.7	
1974	2.3	2.9	2.1	2.4	2.3	0.7	0.5	0.6	0.9	1.2	1.7	2.4	
1975	2.4	2.5	2.4	1.9	0.9	0.8	1.4	0.8	2.1	2.4	2.2	3.0	

LARGEST HS(METRES) FOR STATION 105 = 3.7

MEAN HS(METRES) BY MONTH AND YEAR

STATION 106

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.8	0.6	1.0	0.4	0.4	0.6	0.3	0.3	0.2	0.2	0.6	0.5
1957	0.5	0.6	0.6	0.7	0.4	0.6	0.6	0.5	0.4	0.2	0.7	0.7	0.5
1958	0.5	0.6	0.5	0.7	0.6	0.7	0.8	0.7	0.4	0.2	0.4	0.4	0.5
1959	0.5	0.8	0.8	0.7	0.7	0.5	0.9	0.5	0.3	0.9	0.5	0.5	0.6
1960	0.5	0.8	0.6	0.8	0.7	0.6	0.8	0.5	0.5	0.2	0.4	0.3	0.6
1961	0.5	0.8	0.7	0.9	0.8	0.9	0.7	0.8	0.3	0.2	0.4	0.8	0.6
1962	0.6	0.7	0.5	0.9	0.3	0.5	0.6	0.5	0.3	0.2	0.5	0.4	0.5
1963	0.7	0.4	0.8	0.6	0.4	0.5	0.4	0.3	0.3	0.2	0.5	0.4	0.5
1964	0.7	0.6	0.8	0.7	0.4	0.6	0.8	0.6	0.4	0.5	0.5	0.8	0.6
1965	0.4	0.7	0.6	0.6	0.4	0.7	0.7	0.6	0.3	0.4	0.3	0.2	0.5
1966	0.4	0.8	0.6	0.7	0.7	0.6	0.7	0.6	0.6	0.3	0.3	0.4	0.5
1967	0.6	0.6	0.7	0.7	0.8	0.5	1.0	0.6	0.3	0.3	0.4	0.7	0.6
1968	0.2	0.2	0.6	0.2	0.3	0.4	0.2	0.1	0.1	0.4	0.4	0.4	0.3
1969	0.4	0.4	0.6	0.7	0.7	0.5	0.5	0.6	0.3	0.3	1.0	0.7	0.6
1970	0.4	0.9	1.0	0.7	0.5	0.7	0.8	0.9	0.3	0.5	0.4	0.5	0.6
1971	0.6	0.9	0.6	0.7	0.8	0.4	0.7	0.4	0.3	0.5	0.4	0.7	0.6
1972	0.8	0.5	0.7	0.8	0.8	1.1	0.9	0.5	0.2	0.3	0.6	0.6	0.7
1973	0.6	0.5	0.8	0.8	0.7	0.5	0.1	0.3	0.3	0.2	0.6	1.0	0.5
1974	0.5	0.7	0.6	0.6	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.5	0.4
1975	0.5	0.4	0.6	0.3	0.2	0.2	0.4	0.2	0.3	0.2	0.3	0.3	0.3
MEAN	0.5	0.6	0.7	0.7	0.5	0.6	0.6	0.5	0.3	0.3	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 106

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.9	2.3	2.2	3.1	1.7	1.6	1.5	1.1	3.0	2.9	1.0	2.0
1957	2.1	3.2	2.3	2.8	1.6	1.7	1.5	1.6	1.2	1.4	2.4	2.4
1958	2.9	2.6	2.2	2.6	2.4	1.9	1.3	2.0	2.7	1.9	1.8	3.2
1959	2.7	2.5	3.0	2.1	2.1	2.1	2.3	1.9	2.5	2.1	2.2	2.5
1960	2.3	3.3	3.0	2.5	2.2	1.9	3.1	1.4	3.5	1.4	2.0	2.3
1961	2.6	3.1	2.2	3.1	2.2	2.3	1.5	2.3	2.1	1.2	2.4	2.4
1962	3.0	2.3	2.6	2.9	1.1	1.5	2.1	2.4	1.7	1.2	3.1	2.0
1963	2.3	2.6	2.6	2.2	1.7	2.0	1.6	1.5	2.6	2.3	2.7	2.5
1964	2.8	3.2	2.6	2.3	1.5	1.5	2.3	2.0	3.7	2.8	2.8	2.2
1965	2.2	2.9	2.5	2.2	1.4	1.8	2.0	1.2	1.1	2.5	1.6	1.4
1966	3.3	3.5	3.1	2.1	2.1	3.1	1.9	1.6	1.8	2.0	2.2	2.2
1967	2.7	2.7	2.7	2.1	2.4	2.1	2.4	1.9	2.2	2.0	2.5	3.1
1968	2.0	1.4	3.2	1.8	1.4	1.7	0.9	0.6	0.3	1.9	2.4	3.0
1969	1.8	1.8	2.9	2.6	2.3	1.9	1.6	2.0	1.2	1.3	3.4	2.9
1970	1.9	3.2	2.7	2.5	2.6	1.8	2.1	2.0	1.4	3.2	2.1	3.2
1971	2.8	3.1	3.2	2.9	2.7	1.1	2.2	2.5	1.2	2.3	2.9	2.6
1972	2.6	3.2	2.6	2.2	2.7	3.2	2.1	1.7	1.8	2.3	2.8	2.6
1973	3.0	3.5	3.4	2.8	2.2	1.3	0.5	1.9	1.7	2.2	3.1	3.6
1974	2.3	2.9	2.0	2.5	2.3	0.7	0.5	0.6	1.0	1.2	1.7	2.6
1975	2.3	2.6	2.5	1.8	1.0	0.8	1.4	0.8	2.2	2.4	2.2	3.1

LARGEST HS(METRES) FOR STATION 106 = 3.7

MEAN HS(METRES) BY MONTH AND YEAR

STATION 107

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.8	0.6	1.0	0.5	0.4	0.6	0.3	0.4	0.3	0.3	0.6	0.5
1957	0.5	0.6	0.6	0.7	0.5	0.6	0.6	0.6	0.5	0.3	0.8	0.7	0.6
1958	0.5	0.5	0.5	0.7	0.6	0.7	0.8	0.7	0.4	0.2	0.4	0.4	0.6
1959	0.5	0.8	0.8	0.7	0.7	0.5	1.0	0.5	0.5	0.9	0.6	0.5	0.7
1960	0.5	0.7	0.6	0.8	0.7	0.6	0.8	0.5	0.6	0.3	0.4	0.3	0.6
1961	0.5	0.8	0.9	0.9	0.8	0.9	0.7	0.8	0.3	0.2	0.4	0.8	0.7
1962	0.6	0.7	0.5	0.8	0.4	0.6	0.6	0.5	0.4	0.3	0.5	0.4	0.5
1963	0.7	0.5	0.8	0.6	0.5	0.5	0.4	0.3	0.4	0.3	0.5	0.4	0.5
1964	0.7	0.6	0.8	0.8	0.5	0.6	0.8	0.6	0.5	0.6	0.6	0.8	0.6
1965	0.4	0.7	0.6	0.6	0.4	0.7	0.7	0.6	0.4	0.5	0.3	0.2	0.5
1966	0.5	0.8	0.6	0.7	0.7	0.6	0.7	0.6	0.6	0.4	0.3	0.4	0.6
1967	0.6	0.6	0.7	0.7	0.8	0.6	0.9	0.7	0.4	0.4	0.4	0.7	0.6
1968	0.3	0.2	0.5	0.2	0.3	0.4	0.2	0.2	0.1	0.4	0.4	0.4	0.3
1969	0.5	0.4	0.6	0.7	0.7	0.5	0.5	0.6	0.3	0.4	1.1	0.7	0.6
1970	0.5	0.9	1.0	0.7	0.5	0.7	0.7	0.9	0.3	0.7	0.4	0.5	0.7
1971	0.5	0.8	0.6	0.6	0.7	0.4	0.6	0.5	0.3	0.6	0.5	0.7	0.6
1972	0.8	0.6	0.7	0.8	0.9	1.2	0.9	0.5	0.2	0.4	0.6	0.7	0.7
1973	0.6	0.6	0.8	0.8	0.7	0.5	0.1	0.3	0.3	0.2	0.6	1.0	0.5
1974	0.5	0.7	0.6	0.6	0.4	0.2	0.2	0.1	0.1	0.1	0.2	0.5	0.3
1975	0.5	0.5	0.5	0.3	0.2	0.2	0.4	0.2	0.3	0.2	0.3	0.4	0.3
MEAN	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 107

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.8	2.5	2.0	3.1	1.8	1.6	1.3	1.1	2.7	3.0	0.9	2.0
1957	2.0	3.3	2.3	2.7	1.5	1.5	1.6	1.6	1.6	1.4	2.3	2.3
1958	2.9	2.6	2.2	2.5	2.3	1.9	1.2	2.0	2.8	1.9	1.9	3.2
1959	2.7	2.5	2.9	2.1	2.0	2.0	2.5	1.6	2.8	2.0	2.1	2.4
1960	2.2	3.3	2.8	2.4	2.2	1.8	2.9	1.4	3.3	1.4	2.0	2.1
1961	2.8	3.1	2.6	3.1	2.2	2.3	1.3	2.3	2.1	1.3	2.4	2.3
1962	2.7	2.3	2.5	2.8	1.1	1.5	2.0	2.5	1.9	1.3	3.0	2.3
1963	2.2	2.5	2.5	2.1	1.7	1.9	1.6	1.5	2.5	2.8	2.8	2.6
1964	2.8	3.2	2.5	2.3	1.6	2.0	2.3	2.1	3.5	2.8	2.7	2.2
1965	2.1	2.9	2.4	2.1	1.4	1.5	1.8	1.1	1.2	2.4	1.4	1.4
1966	3.3	3.3	3.0	2.1	2.1	3.3	1.8	1.4	1.7	1.9	2.2	2.1
1967	2.7	2.6	2.6	2.1	2.2	2.2	2.4	1.9	2.3	1.9	2.5	3.2
1968	2.2	1.4	3.0	1.7	1.4	1.9	0.9	0.5	0.4	2.0	2.4	2.8
1969	1.9	1.7	2.9	2.6	2.4	2.0	1.5	1.9	1.2	1.8	3.5	2.8
1970	2.0	3.2	2.7	2.4	2.6	1.8	2.0	2.0	1.3	3.5	1.8	3.2
1971	2.7	2.7	3.2	2.9	2.7	1.1	2.1	2.5	1.2	2.2	2.8	2.5
1972	2.5	3.1	2.5	2.2	2.9	3.1	2.1	1.6	1.6	2.2	2.8	2.5
1973	3.0	3.5	3.2	2.5	2.1	1.2	0.5	1.8	1.6	2.1	3.0	3.5
1974	2.2	2.8	1.8	2.4	2.2	0.7	0.5	0.6	1.1	1.1	1.8	2.7
1975	2.3	2.4	2.5	1.8	0.9	0.8	1.4	0.7	2.2	2.4	2.0	3.1

LARGEST HS(METRES) FOR STATION 107 = 3.5

STATION 108 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	0
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

STATION 108 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2900	4873	2804	1042	1680	2174	208	.	8	.	15689
0.50 - 0.99	.	547	4209	2590	982	2061	321	.	3	.	10713
1.00 - 1.49	.	.	65	918	1031	1230	249	3	1	.	3497
1.50 - 1.99	.	.	.	13	313	732	225	11	.	.	1254
2.00 - 2.49	39	88	100	18	.	.	245
2.50 - 2.99	3	1	5	.	.	9
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2900	5420	7078	4563	4045	6288	1104	37	12	0	0

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 2.69 ANGLE CLASS % = 31.5

STATION 108 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	958	995	1957	179	2082	2505	556	56	23	23	7198
0.50 - 0.99	.	778	.	987	219	2334	768	11	104	.	6420
1.00 - 1.49	.	.	261	58	533	859	349	102	160	.	2777
1.50 - 1.99	112	515	140	17	13	.	1070
2.00 - 2.49	1	527	162	27	5	.	833
2.50 - 2.99	68	136	21	1	.	277
3.00 - 3.49	15	54	1	.	70
3.50 - 3.99	3	.	.	4
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	958	1773	2218	1224	3036	6648	2126	335	308	23	0

AVERAGE HS(M) = 0.80 LARGEST HS(M) = 3.55 ANGLE CLASS % = 18.7

STATION 108 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1002	894	1671	162	715	2014	1112	215	15	181		6148
0.5 - 0.99	.	778	167	766	152	636	373	75	14	222		4376
1.0 - 1.49	.	.	.	56	306	242	35	27	3	171		1517
1.5 - 1.99	56	273	80	5	11	42		718
2.0 - 2.49	1	39	11	25	3	15		436
2.5 - 2.99	1	.	.		157
3.0 - 3.49		44
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - GREATER		0
TOTAL	1002	1672	1838	984	1281	3358	1730	380	223	952		0

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 3.56 ANGLE CLASS % = 13.4

STATION 108 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1457	2164	1332	1326	1529	422	85	18	.	.		8333
0.5 - 0.99	.	280	42	424	1724	959	1072	10	.	.		6454
1.0 - 1.49	.	.	.	1	102	661	126	25	.	1		1790
1.5 - 1.99	20	321	41	10	.	.		557
2.0 - 2.49	54	.	3	.	.		125
2.5 - 2.99		0
3.0 - 3.49		0
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - GREATER		0
TOTAL	1457	2444	3701	3475	3102	2550	453	79	0	1		0

AVERAGE HS(M) = 0.60 LARGEST HS(M) = 2.60 ANGLE CLASS % = 17.3

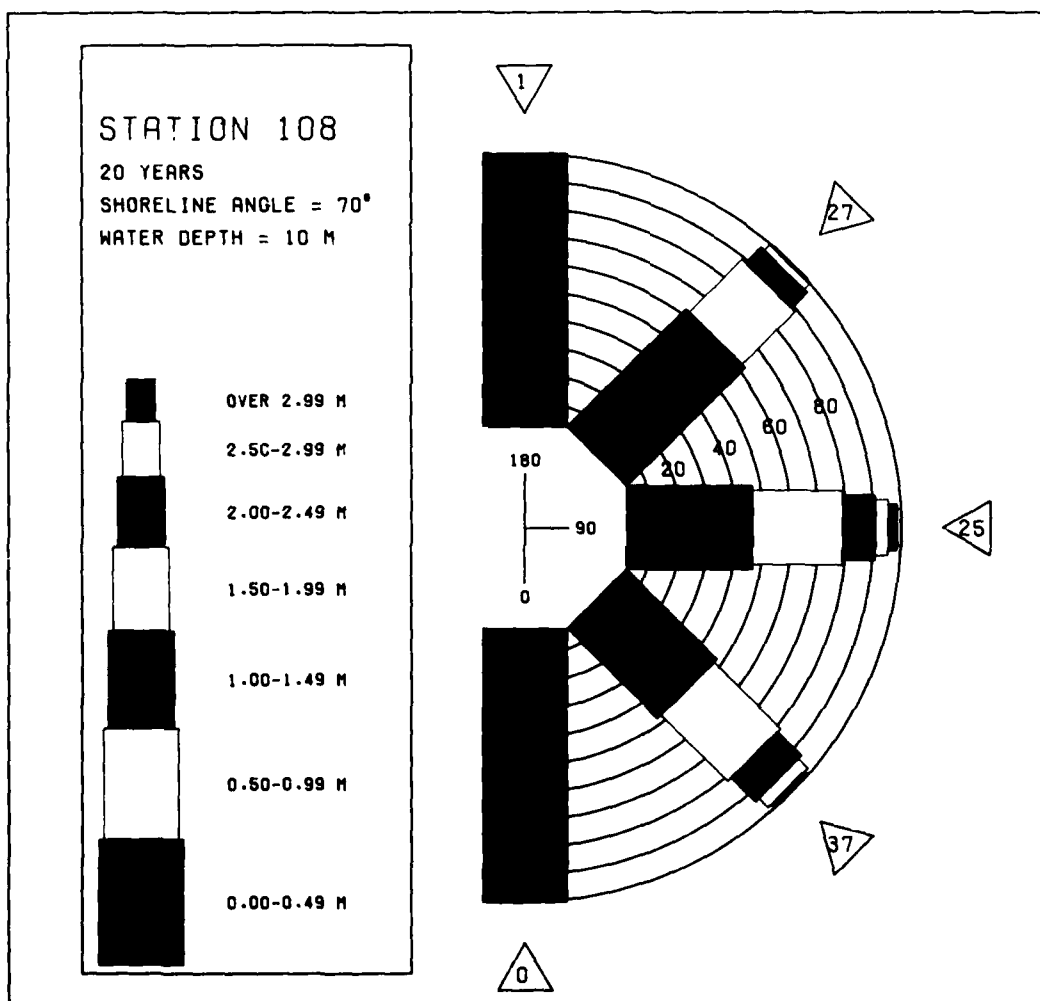
STATION 108 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	862	1391	2185	3254	314	.	.	.	.	.		8006
0.5 - 0.99		0
1.0 - 1.49		0
1.5 - 1.99		0
2.0 - 2.49		0
2.5 - 2.99		0
3.0 - 3.49		0
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - GREATER		0
TOTAL	862	1391	2188	3254	314	0	0	0	0	0		0

AVERAGE HS(M) = 0.10 LARGEST HS(M) = 0.54 ANGLE CLASS % = 8.0

STATION 108 20 YEARS FOR ALL DIRECTIONS
 SHOPELINE ANGLE = 70.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.50 - 0.49	718	1031	632	562	632	711	196	29	4	20	4535
1.00 - 0.99	.	238	1016	465	528	610	154	9	19	54	2793
1.50 - 1.49	.	.	53	309	189	276	76	15	22	17	957
2.00 - 1.99	.	.	.	13	105	181	52	4	4	4	363
2.50 - 2.49	22	64	38	6	1	1	162
3.00 - 2.99	11	21	10	.	.	42
3.50 - 3.49	2	8	1	.	11
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	718	1269	1701	1349	1176	1883	539	81	51	96	
AVE HS(M) = 0.54 LARGEST HS(M) = 3.56 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 108

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.2	0.9	0.5	1.0	0.4	0.4	0.6	0.2	0.4	0.4	0.3	0.5	0.5
1957	0.5	0.6	0.5	0.7	0.5	0.6	0.6	0.6	0.5	0.3	0.7	0.6	0.6
1958	0.5	0.5	0.5	0.7	0.6	0.7	0.8	0.7	0.5	0.3	0.4	0.4	0.5
1959	0.5	0.8	0.8	0.7	0.7	0.5	1.0	0.5	0.5	1.0	0.6	0.5	0.7
1960	0.5	0.7	0.6	0.8	0.7	0.6	0.8	0.5	0.6	0.3	0.4	0.3	0.6
1961	0.5	0.8	1.0	0.8	0.8	0.9	0.7	0.8	0.3	0.3	0.4	0.7	0.7
1962	0.6	0.7	0.5	0.8	0.4	0.6	0.6	0.5	0.4	0.3	0.5	0.3	0.5
1963	0.7	0.5	0.8	0.5	0.5	0.5	0.4	0.3	0.4	0.3	0.5	0.4	0.5
1964	0.6	0.5	0.8	0.8	0.5	0.6	0.8	0.6	0.5	0.6	0.6	0.8	0.6
1965	0.4	0.7	0.6	0.6	0.4	0.7	0.7	0.6	0.4	0.5	0.3	0.2	0.5
1966	0.5	0.8	0.6	0.6	0.7	0.6	0.7	0.6	0.6	0.4	0.4	0.4	0.6
1967	0.6	0.6	0.7	0.7	0.8	0.6	0.9	0.7	0.5	0.4	0.4	0.7	0.6
1968	0.3	0.1	0.5	0.2	0.3	0.4	0.2	0.2	0.1	0.5	0.4	0.4	0.3
1969	0.5	0.4	0.5	0.7	0.7	0.5	0.5	0.6	0.3	0.4	1.1	0.7	0.6
1970	0.5	0.9	0.9	0.7	0.5	0.6	0.7	0.9	0.3	0.8	0.4	0.5	0.6
1971	0.5	0.8	0.6	0.6	0.7	0.4	0.6	0.5	0.3	0.6	0.5	0.7	0.6
1972	0.8	0.6	0.7	0.8	0.9	1.2	0.9	0.5	0.3	0.4	0.6	0.7	0.7
1973	0.5	0.5	0.8	0.8	0.7	0.5	0.1	0.3	0.3	0.2	0.6	1.0	0.5
1974	0.5	0.7	0.6	0.6	0.4	0.2	0.1	0.1	0.1	0.1	0.2	0.4	0.3
1975	0.5	0.5	0.5	0.3	0.1	0.2	0.4	0.2	0.3	0.3	0.3	0.4	0.3
MEAN	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.4	0.5	0.5	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 108

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.9	2.5	2.0	3.0	1.8	1.6	1.3	1.1	2.7	3.0	0.9	2.0	
1957	1.9	3.3	2.3	2.7	1.5	1.5	1.8	1.7	1.6	1.3	2.3	2.2	
1958	2.7	2.6	2.2	2.4	2.3	1.7	1.2	2.0	2.8	1.9	2.1	3.2	
1959	2.6	2.5	2.9	2.1	1.9	2.0	2.5	1.6	2.9	2.1	2.1	2.3	
1960	2.2	3.3	2.8	2.4	2.2	1.8	2.9	1.3	3.3	1.3	2.0	2.1	
1961	2.8	3.1	2.6	3.1	2.2	2.4	1.3	2.3	2.1	1.3	2.4	2.3	
1962	2.7	2.3	2.5	2.8	1.1	1.4	1.8	2.5	2.0	1.3	3.0	2.3	
1963	2.2	2.4	2.5	2.1	1.6	1.8	1.3	1.4	2.5	2.8	2.8	2.6	
1964	2.8	3.2	2.3	2.3	1.8	2.0	2.1	2.2	3.5	2.8	2.7	2.2	
1965	2.0	2.9	2.4	2.1	1.4	1.5	1.8	1.0	1.2	2.4	1.4	1.4	
1966	3.3	3.3	3.0	2.1	2.1	3.3	1.8	1.4	1.7	1.9	2.2	2.1	
1967	2.7	2.6	2.6	2.1	2.2	2.2	2.4	1.8	2.3	1.7	2.5	3.2	
1968	2.3	1.4	3.0	1.7	1.4	2.0	0.9	0.5	0.4	2.0	2.2	2.8	
1969	1.9	1.8	2.9	2.6	2.4	2.0	1.5	1.9	1.2	1.8	3.5	2.8	
1970	2.0	3.1	2.6	2.3	2.6	1.9	2.0	2.0	1.3	3.5	1.8	3.1	
1971	2.7	2.7	3.2	2.9	2.6	1.1	2.0	2.5	1.1	2.2	2.8	2.6	
1972	2.5	3.1	2.4	2.2	2.9	3.0	2.1	1.6	1.6	2.2	2.6	2.5	
1973	3.0	3.5	3.2	2.5	2.1	1.3	0.5	1.8	1.5	2.1	2.8	3.6	
1974	2.2	2.7	1.8	2.4	2.2	0.6	0.5	0.6	1.1	1.1	1.8	2.7	
1975	2.2	2.4	2.5	1.6	0.9	0.8	1.4	0.7	2.2	2.4	2.0	3.1	

LARGEST HS(METRES) FOR STATION 108 = 3.6

STATION 109 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1230	1221	1870	220	934	1529	1699	251	480	1423	8767
0.50 - 0.99	.	775	169	258	58	491	191	203	710	2753	7239
1.00 - 1.49	.	.	.	53	210	308	39	54	184	215	1837
1.50 - 1.99	333	342	63	.	32	80	893
2.00 - 2.49	64	285	102	6	10	20	501
2.50 - 2.99	34	83	18	5	6	150
3.00 - 3.49	10	1	.	.	35
3.50 - 3.99	1
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1230	1996	2039	1031	1601	2889	2177	541	1430	4529	0

AVERAGE HS(M) = 0.66 LARGEST HS(M) = 3.51 ANGLE CLASS % = 19.5

STATION 109 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2043	3259	3323	5301	1052	145	540	557	1	.	16221
0.50 - 0.99	.	131	1750	2190	605	118	518	80	6	.	9736
1.00 - 1.49	.	.	20	225	327	370	130	11	3	.	1736
1.50 - 1.99	9	15	18	10	.	.	827
2.00 - 2.49	3	.	.	.	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2043	3390	5093	7716	2297	1416	1314	659	16	0	0

AVERAGE HS(M) = 0.43 LARGEST HS(M) = 2.63 ANGLE CLASS % = 24.0

STATION 109 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 56.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	10	.	.	.	.	.	.	.	.	.	10
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	10	0	0	0	0	0	0	0	0	0	0

AVERAGE HS(M) = 0.01 LARGEST HS(M) = 0.01 ANGLE CLASS % = 0.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 109

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.7	0.5	0.8	0.4	0.4	0.5	0.2	0.3	0.4	0.2	0.4	0.4
1957	0.5	0.6	0.5	0.7	0.4	0.5	0.5	0.4	0.5	0.4	0.7	0.6	0.5
1958	0.5	0.5	0.5	0.7	0.6	0.6	0.7	0.6	0.5	0.5	0.4	0.4	0.5
1959	0.4	0.7	0.7	0.6	0.7	0.4	0.8	0.5	0.5	0.9	0.6	0.5	0.6
1960	0.5	0.7	0.7	0.7	0.5	0.5	0.7	0.4	0.6	0.3	0.4	0.3	0.5
1961	0.5	0.7	0.8	0.7	0.7	0.7	0.5	0.7	0.3	0.3	0.4	0.7	0.6
1962	0.6	0.7	0.6	0.7	0.3	0.5	0.5	0.5	0.4	0.2	0.7	1.1	0.6
1963	0.9	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.7
1964	0.6	0.5	0.7	0.7	0.4	0.6	0.7	0.5	0.5	0.6	0.5	0.7	0.6
1965	0.4	0.7	0.5	0.6	0.4	0.6	0.6	0.4	0.4	0.6	0.5	0.3	0.5
1966	0.5	0.8	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.5
1967	0.5	0.5	0.6	0.6	0.7	0.6	0.8	0.6	0.5	0.3	0.3	0.6	0.5
1968	0.5	0.1	0.4	0.2	0.3	0.4	0.3	0.2	0.1	0.5	0.4	0.4	0.3
1969	0.5	0.4	0.5	0.7	0.7	0.5	0.4	0.6	0.4	0.4	0.9	0.6	0.5
1970	0.5	0.9	0.8	0.6	0.5	0.5	0.7	0.8	0.3	0.8	0.4	0.4	0.6
1971	0.5	0.7	0.5	0.5	0.6	0.3	0.5	0.5	0.3	0.6	0.6	1.1	0.6
1972	0.8	0.5	0.6	0.7	0.9	1.0	0.8	0.5	0.2	0.4	0.6	0.6	0.6
1973	0.7	0.6	0.8	0.7	0.6	0.5	0.1	0.2	0.2	0.2	0.5	0.9	0.5
1974	0.4	0.6	0.5	0.5	0.3	0.2	0.1	0.1	0.1	0.2	0.2	0.4	0.3
1975	0.4	1.0	0.6	0.3	0.1	0.2	0.3	0.1	0.3	0.2	0.2	0.3	0.3
MEAN	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 109

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.3	2.3	2.3	2.8	1.5	1.4	1.3	1.0	2.6	3.0	1.0	1.4
1957	1.9	3.0	2.3	2.6	1.4	1.5	1.6	1.6	2.0	1.3	2.2	2.2
1958	2.8	2.5	2.3	2.3	2.3	1.6	1.2	1.9	2.4	1.9	2.1	3.2
1959	2.4	2.3	2.8	2.1	1.9	1.3	2.6	1.1	2.7	2.1	2.0	2.1
1960	2.0	3.1	2.8	2.3	1.4	1.6	2.7	1.1	3.0	1.3	2.0	1.6
1961	2.9	2.6	2.8	2.9	2.1	2.3	1.3	2.2	1.7	1.3	2.1	2.1
1962	2.6	2.0	2.4	2.6	1.1	1.3	1.6	2.6	2.1	1.7	3.1	2.4
1963	2.1	2.2	2.5	2.2	1.6	1.4	1.1	1.0	2.4	2.9	2.3	2.5
1964	2.7	2.4	2.1	2.1	2.2	2.2	2.1	2.1	3.0	2.7	2.5	2.1
1965	2.0	2.9	2.0	2.1	1.4	1.5	1.5	1.0	1.3	2.4	1.1	1.1
1966	3.1	3.3	3.0	1.7	2.0	3.2	1.8	1.3	1.9	1.6	1.7	2.1
1967	2.5	2.2	2.3	2.0	2.3	2.1	2.2	1.3	2.3	1.3	1.6	3.0
1968	2.5	1.4	2.9	1.4	1.3	2.0	1.0	0.6	0.5	2.2	2.2	2.7
1969	2.0	2.4	2.9	2.3	2.4	2.0	1.2	1.7	1.1	2.0	3.4	2.8
1970	2.1	3.0	2.3	2.2	2.6	1.6	1.5	2.0	1.4	3.5	2.2	2.8
1971	2.4	2.4	3.1	2.8	2.5	1.2	1.9	2.1	1.1	2.1	2.5	2.5
1972	2.3	3.0	2.3	2.1	3.0	3.0	2.0	1.1	1.3	1.3	2.4	2.5
1973	3.0	3.3	3.1	2.4	2.1	1.2	0.5	1.5	1.6	2.0	2.5	3.4
1974	2.0	2.8	1.6	2.2	2.1	0.6	0.4	0.5	1.0	0.9	2.0	2.6
1975	2.2	2.6	2.4	1.3	0.9	0.7	1.2	0.5	2.1	2.0	1.3	2.9

LARGEST HS(METRES) FOR STATION 109 = 3.5

STATION 110 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 41.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1201	1933	2445	1286	94	.	.	.	.	.	6959
0.5 - 0.99	.	.	147	10	.	.	.	.	.	.	157
1.0 - 1.49	0
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	1201	1933	2592	1296	94	0	0	0	0	0	0

AVERAGE HS(M) = 0.20 LARGEST HS(M) = 0.70 ANGLE CLASS % = 7.1

STATION 110 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 41.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2099	3415	848	511	2683	4072	958	32	1	.	14619
0.5 - 0.99	.	870	3913	2636	2805	2895	1101	25	6	.	12035
1.0 - 1.49	.	.	94	814	224	1141	266	25	5	.	2019
1.5 - 1.99	.	.	.	23	58	171	112	1	.	.	934
2.0 - 2.49	5	68	.	.	.	298
2.5 - 2.99	27	.	.	.	32
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	2099	4285	4855	3984	4092	8853	2562	95	12	0	0

AVERAGE HS(M) = 0.61 LARGEST HS(M) = 2.98 ANGLE CLASS % = 30.9

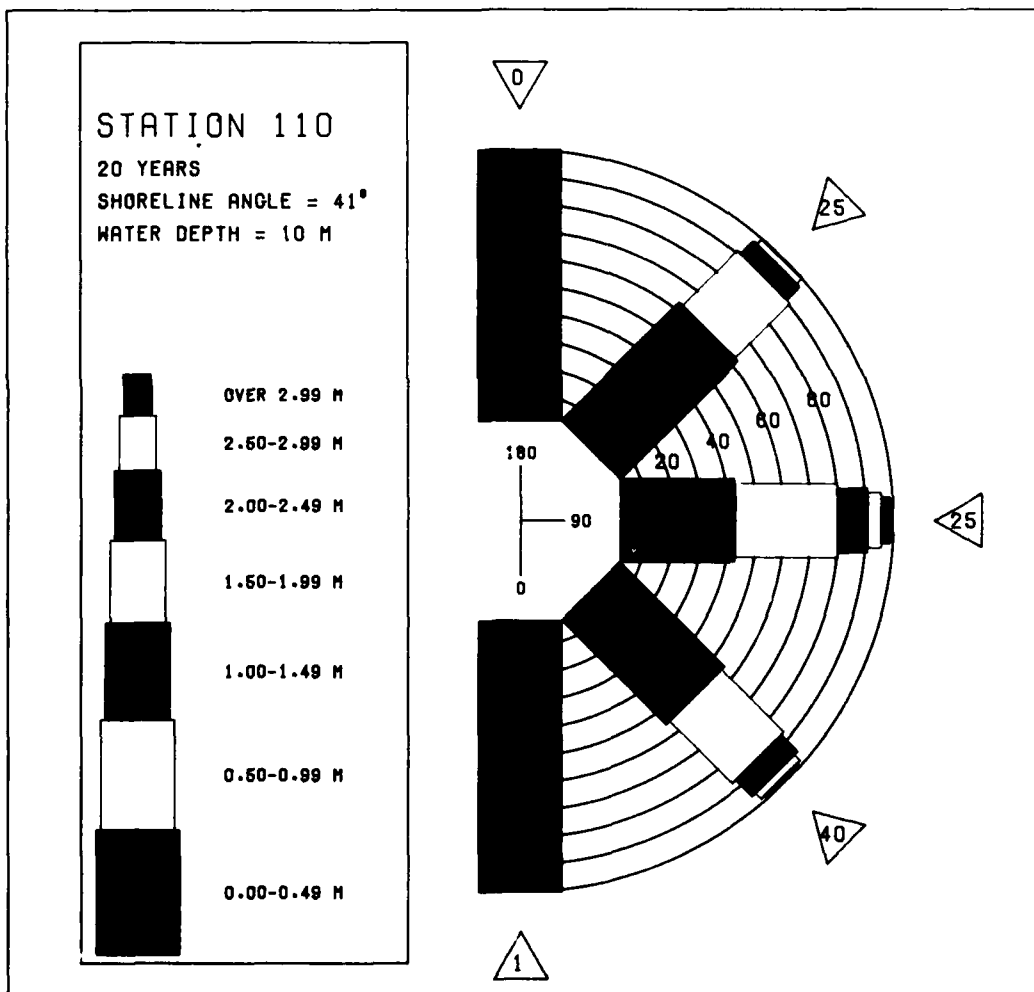
STATION 110 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 41.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	737	715	1122	88	1187	1966	1887	225	159	326	7202
0.5 - 0.99	.	660	140	552	94	597	253	49	355	348	3001
1.0 - 1.49	.	.	.	68	83	225	164	27	90	77	1000
1.5 - 1.99	49	229	150	17	17	30	430
2.0 - 2.49	3	46	109	11	1	1	196
2.5 - 2.99	3	.	.	23
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	737	1375	1262	708	1660	3314	2661	381	633	790	0

AVERAGE HS(M) = 0.65 LARGEST HS(M) = 3.51 ANGLE CLASS % = 13.5

STATION 110 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 41.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	662	978	613	625	592	740	431	93	59	101	4894
0.50-0.99	..	221	843	200	142	469	284	43	91	354	2979
1.00-1.49	41	13	17	221	79	19	34	31	762
1.50-1.99	150	64	4	2	5	319
2.00-2.49	74	22	..	..	..	129
2.50-2.99	50
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
10.00-10.99	0
11.00-11.99	0
12.00-12.99	0
13.00-13.99	0
14.00-14.99	0
15.00-15.99	0
16.00-16.99	0
17.00-17.99	0
18.00-18.99	0
19.00-19.99	0
20.00-20.99	0
21.00-21.99	0
22.00-22.99	0
23.00-23.99	0
24.00-24.99	0
25.00-25.99	0
26.00-26.99	0
27.00-27.99	0
28.00-28.99	0
29.00-29.99	0
30.00-30.99	0
31.00-31.99	0
32.00-32.99	0
33.00-33.99	0
34.00-34.99	0
35.00-35.99	0
36.00-36.99	0
37.00-37.99	0
38.00-38.99	0
39.00-39.99	0
40.00-40.99	0
41.00-41.99	0
42.00-42.99	0
43.00-43.99	0
44.00-44.99	0
45.00-45.99	0
46.00-46.99	0
47.00-47.99	0
48.00-48.99	0
49.00-49.99	0
50.00-50.99	0
51.00-51.99	0
52.00-52.99	0
53.00-53.99	0
54.00-54.99	0
55.00-55.99	0
56.00-56.99	0
57.00-57.99	0
58.00-58.99	0
59.00-59.99	0
60.00-60.99	0
61.00-61.99	0
62.00-62.99	0
63.00-63.99	0
64.00-64.99	0
65.00-65.99	0
66.00-66.99	0
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79.00-79.99	0
80.00-80.99	0
81.00-81.99	0
82.00-82.99	0
83.00-83.99	0
84.00-84.99	0
85.00-85.99	0
86.00-86.99	0
87.00-87.99	0
88.00-88.99	0
89.00-89.99	0
90.00-90.99	0
91.00-91.99	0
92.00-92.99	0
93.00-93.99	0
94.00-94.99	0
95.00-95.99	0
96.00-96.99	0
97.00-97.99	0
98.00-98.99	0
99.00-99.99	0
TOTAL	662	1199	1497	1409	960	1671	890	161	190	498	
AVE HS(M) = 0.53	LARGEST HS(M) = 3.51										TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 110

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.7	0.4	0.8	0.5	0.6	0.4	0.2	0.4	0.5	0.3	0.4	0.4
1957	0.5	0.6	0.6	0.7	0.4	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6
1958	0.5	0.4	0.5	0.7	0.5	0.5	0.6	0.5	0.5	0.6	0.4	0.4	0.5
1959	0.4	0.7	0.7	0.5	0.6	0.3	0.9	0.4	0.6	0.9	0.6	0.5	0.6
1960	0.5	0.7	0.6	0.6	0.5	0.5	0.6	0.4	0.6	0.4	0.4	0.4	0.5
1961	0.5	0.7	0.8	0.7	0.7	0.7	0.5	0.7	0.4	0.4	0.4	0.6	0.6
1962	0.5	0.6	0.6	0.7	0.3	0.5	0.5	0.5	0.4	0.3	0.7	1.2	0.6
1963	0.9	1.1	0.9	0.8	0.7	0.8	0.7	0.6	0.8	0.9	0.8	0.6	0.8
1964	0.5	0.5	0.7	0.7	0.4	0.6	0.6	0.5	0.6	0.6	0.5	0.7	0.6
1965	0.3	0.7	0.5	0.5	0.3	0.6	0.5	0.4	0.5	0.7	0.5	0.3	0.5
1966	0.5	0.8	0.5	0.5	0.6	0.5	0.6	0.4	0.5	0.4	0.4	0.5	0.5
1967	0.5	0.4	0.5	0.5	0.6	0.8	0.7	0.6	0.5	0.4	0.3	0.6	0.5
1968	0.5	0.1	0.4	0.2	0.3	0.4	0.2	0.2	0.2	0.5	0.4	0.3	0.3
1969	0.5	0.4	0.5	0.7	0.7	0.5	0.4	0.6	0.4	0.5	0.9	0.6	0.5
1970	0.4	0.9	0.8	0.5	0.4	0.6	0.6	0.7	0.3	0.9	0.4	0.4	0.6
1971	0.5	0.7	0.5	0.5	0.5	0.3	0.4	0.5	0.4	0.7	0.7	1.2	0.6
1972	0.8	0.6	0.6	0.6	0.9	1.0	0.8	0.4	0.3	0.7	0.6	0.6	0.6
1973	0.7	0.6	0.7	0.7	0.5	0.5	0.1	0.2	0.2	0.3	0.4	0.9	0.5
1974	0.4	0.6	0.5	0.5	0.3	0.1	0.1	0.1	0.2	0.3	0.2	0.4	0.3
1975	0.4	1.0	0.6	0.2	0.1	0.2	0.3	0.1	0.4	0.4	0.3	0.4	0.4
MEAN	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.6	0.5	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 110

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.3	2.4	2.0	2.6	1.6	1.5	1.2	0.9	2.6	3.1	1.1	1.4
1957	2.1	3.0	2.3	2.6	1.6	1.6	1.6	1.6	2.3	1.4	2.2	2.1
1958	2.7	2.4	2.3	2.5	2.4	1.5	1.1	1.8	2.5	1.9	2.1	3.1
1959	2.3	2.2	2.7	2.1	1.9	1.3	2.6	1.1	2.7	2.2	2.1	2.1
1960	2.0	3.0	2.6	2.3	1.4	1.4	2.6	1.0	2.9	1.2	2.0	1.9
1961	2.9	2.7	2.8	2.9	2.2	2.2	1.1	2.1	1.7	1.4	1.9	2.0
1962	2.3	2.0	2.3	2.6	1.2	1.2	1.6	2.7	2.2	1.8	3.3	2.4
1963	1.7	2.2	2.4	2.2	1.7	1.3	1.0	1.1	2.3	2.9	2.3	2.5
1964	2.7	2.5	1.9	2.1	2.5	2.4	1.9	2.2	3.0	2.8	2.5	2.1
1965	1.7	2.9	2.0	1.8	1.4	1.5	1.4	1.1	1.4	2.9	1.2	1.1
1966	3.1	3.1	2.6	1.5	2.0	3.3	1.8	1.3	1.9	1.5	1.7	1.8
1967	2.4	2.0	2.0	1.9	2.2	2.2	1.9	1.4	2.3	1.3	1.4	3.0
1968	2.7	1.4	2.6	1.3	1.3	2.1	1.0	0.6	0.5	2.2	2.0	2.3
1969	2.0	2.8	2.8	2.1	2.4	2.0	1.2	1.6	1.2	2.4	3.5	2.5
1970	2.2	2.8	2.3	2.2	2.5	1.7	1.4	1.9	1.4	3.5	2.6	2.7
1971	2.2	2.3	3.2	2.8	2.4	1.2	1.6	2.2	1.1	2.3	2.5	2.5
1972	2.2	2.9	2.0	2.1	3.1	2.9	2.1	1.1	1.0	1.4	2.3	2.5
1973	2.8	3.1	2.7	2.1	2.1	1.2	0.4	1.3	1.6	1.7	2.2	3.5
1974	1.8	2.7	1.2	2.1	2.0	0.6	0.4	0.5	1.1	1.7	2.2	2.6
1975	2.0	2.7	2.3	1.2	0.8	0.7	1.1	0.5	2.0	1.9	1.0	2.7

LARGEST HS(METRES) FOR STATION 110 = 3.5

STATION 111 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1168	1942	2476	1322	94	.	.	.	.	.	7002
0.5 - 0.99	.	.	124	11	.	.	.	.	.	.	135
1.0 - 1.49	0
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	1168	1942	2600	1333	94	0	0	0	0	0	0

AVERAGE HS(M) = 0.20 LARGEST HS(M) = 0.77 ANGLE CLASS % = 7.1

STATION 111 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1919	3151	836	521	2705	4009	520	15	.	.	13676
0.5 - 0.99	.	833	3670	2417	582	2953	580	30	8	.	11372
1.0 - 1.49	.	.	87	756	2009	1170	443	35	3	.	2803
1.5 - 1.99	.	.	.	29	227	539	186	17	.	.	998
2.0 - 2.49	51	169	66	6	1	.	293
2.5 - 2.99	3	32	5	.	.	40
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	1919	3934	4593	3723	4174	8843	1927	107	12	0	0

AVERAGE HS(M) = 0.62 LARGEST HS(M) = 2.98 ANGLE CLASS % = 29.3

STATION 111 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	758	701	1113	66	1024	1759	2219	212	176	302	7151
0.5 - 0.99	.	667	135	566	77	629	479	53	321	347	3743
1.0 - 1.49	.	.	.	522	282	184	114	11	104	229	1233
1.5 - 1.99	.	.	.	1	258	214	89	16	18	229	688
2.0 - 2.49	3	32	10	1	3	3	108
2.5 - 2.99	24
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	758	1368	1248	659	1484	3041	3093	339	633	760	0

AVERAGE HS(M) = 0.63 LARGEST HS(M) = 3.51 ANGLE CLASS % = 13.4

AD-A129 642

ATLANTIC COAST HINDCAST SHALLOW-WATER SIGNIFICANT WAVE
INFORMATION(U) ARMY ENGINEER WATERWAYS EXPERIMENT
STATION VICKSBURG MS HYDRAULICS LAB R E JENSEN JAN 83

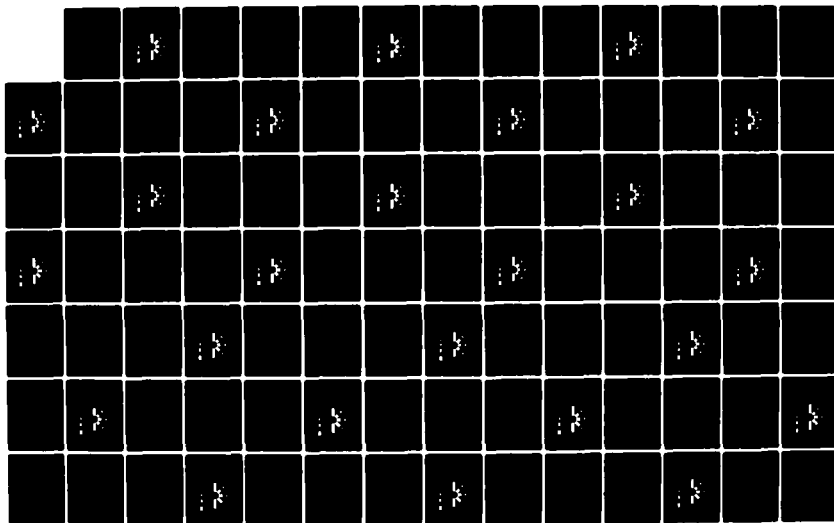
6/8

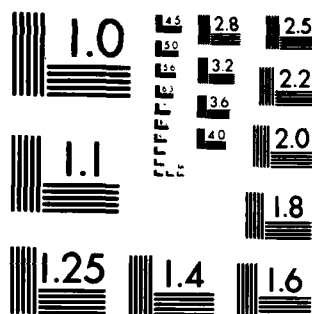
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NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

STATION 111 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	634	941	566	462	568	754	487	113	78	97	4700
0.50-0.99	.	244	893	574	114	548	296	43	91	347	3150
1.00-1.49	.	.	48	295	129	278	187	13	37	31	918
1.50-1.99	.	.	.	15	101	176	100	4	4	4	354
2.00-2.49	20	10	2	2	3	1	154
2.50-2.99	50
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
10.00-10.49	0
10.50-10.99	0
11.00-11.49	0
11.50-11.99	0
12.00-12.49	0
12.50-12.99	0
13.00-13.49	0
13.50-13.99	0
14.00-14.49	0
14.50-14.99	0
15.00-15.49	0
15.50-15.99	0
16.00-16.49	0
16.50-16.99	0
17.00-17.49	0
17.50-17.99	0
18.00-18.49	0
18.50-18.99	0
19.00-19.49	0
19.50-19.99	0
20.00-20.49	0
20.50-20.99	0
21.00-21.49	0
21.50-21.99	0
22.00-22.49	0
22.50-22.99	0
23.00-23.49	0
23.50-23.99	0
24.00-24.49	0
24.50-24.99	0
25.00-25.49	0
25.50-25.99	0
26.00-26.49	0
26.50-26.99	0
27.00-27.49	0
27.50-27.99	0
28.00-28.49	0
28.50-28.99	0
29.00-29.49	0
29.50-29.99	0
30.00-30.49	0
30.50-30.99	0
31.00-31.49	0
31.50-31.99	0
32.00-32.49	0
32.50-32.99	0
33.00-33.49	0
33.50-33.99	0
34.00-34.49	0
34.50-34.99	0
35.00-35.49	0
35.50-35.99	0
36.00-36.49	0
36.50-36.99	0
37.00-37.49	0
37.50-37.99	0
38.00-38.49	0
38.50-38.99	0
39.00-39.49	0
39.50-39.99	0
40.00-40.49	0
40.50-40.99	0
41.00-41.49	0
41.50-41.99	0
42.00-42.49	0
42.50-42.99	0
43.00-43.49	0
43.50-43.99	0
44.00-44.49	0
44.50-44.99	0
45.00-45.49	0
45.50-45.99	0
46.00-46.49	0
46.50-46.99	0
47.00-47.49	0
47.50-47.99	0
48.00-48.49	0
48.50-48.99	0
49.00-49.49	0
49.50-49.99	0
50.00-50.49	0
50.50-50.99	0
51.00-51.49	0
51.50-51.99	0
52.00-52.49	0
52.50-52.99	0
53.00-53.49	0
53.50-53.99	0
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54.50-54.99	0
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55.50-55.99	0
56.00-56.49	0
56.50-56.99	0
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57.50-57.99	0
58.00-58.49	0
58.50-58.99	0
59.00-59.49	0
59.50-59.99	0
60.00-60.49	0
60.50-60.99	0
61.00-61.49	0
61.50-61.99	0
62.00-62.49	0
62.50-62.99	0
63.00-63.49	0
63.50-63.99	0
64.00-64.49	0
64.50-64.99	0
65.00-65.49	0
65.50-65.99	0
66.00-66.49	0
66.50-66.99	0
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68.50-68.99	0
69.00-69.49	0
69.50-69.99	0
70.00-70.49	0
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71.00-71.49	0
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73.50-73.99	0
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74.50-74.99	0
75.00-75.49	0
75.50-75.99	0
76.00-76.49	0
76.50-76.99	0
77.00-77.49	0
77.50-77.99	0
78.00-78.49	0
78.50-78.99	0
79.00-79.49	0
79.50-79.99	0
80.00-80.49	0
80.50-80.99	0
81.00-81.49	0
81.50-81.99	0
82.00-82.49	0
82.50-82.99	0
83.00-83.49	0
83.50-83.99	0
84.00-84.49	0
84.50-84.99	0
85.00-85.49	0
85.50-85.99	0
86.00-86.49	0
86.50-86.99	0
87.00-87.49	.	.									

MEAN HS(METRES) BY MONTH AND YEAR

STATION 111

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.3	0.7	0.4	0.7	0.5	0.6	0.4	0.2	0.4	0.8	0.4	0.4	0.5
1957	0.6	0.7	0.6	0.7	0.5	0.5	0.5	0.6	0.7	0.7	0.8	0.6	0.6
1958	0.5	0.4	0.5	0.8	0.6	0.5	0.6	0.5	0.6	0.8	0.5	0.5	0.6
1959	0.4	0.8	0.7	0.5	0.6	0.3	0.9	0.4	0.7	0.9	0.7	0.6	0.6
1960	0.5	0.8	0.7	0.6	0.6	0.5	0.6	0.4	0.7	0.4	0.5	0.4	0.6
1961	0.5	0.7	0.8	0.7	0.7	0.8	0.4	0.8	0.5	0.5	0.5	0.6	0.6
1962	0.6	0.7	0.7	0.7	0.4	0.5	0.5	0.6	0.4	0.4	0.8	1.2	0.6
1963	0.9	1.2	0.9	0.8	0.8	0.8	0.7	0.6	0.9	1.0	0.8	0.6	0.8
1964	0.5	0.4	0.7	0.7	0.5	0.6	0.6	0.5	0.8	0.8	0.6	0.7	0.6
1965	0.4	0.8	0.5	0.5	0.3	0.6	0.5	0.3	0.7	0.8	0.6	0.3	0.5
1966	0.6	0.9	0.6	0.5	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6
1967	0.5	0.6	0.6	0.6	0.7	0.9	0.7	0.6	0.7	0.5	0.3	0.6	0.6
1968	0.6	0.2	0.4	0.2	0.3	0.4	0.2	0.2	0.2	0.5	0.3	0.3	0.3
1969	0.6	0.5	0.5	0.7	0.7	0.5	0.4	0.6	0.5	0.7	0.9	0.6	0.6
1970	0.5	0.9	0.8	0.5	0.5	0.6	0.6	0.8	0.3	1.0	0.4	0.4	0.6
1971	0.6	0.7	0.5	0.5	0.5	0.3	0.5	0.5	0.5	0.8	0.7	1.2	0.6
1972	0.8	0.7	0.6	0.6	1.0	1.0	0.8	0.5	0.3	0.8	0.7	0.6	0.7
1973	0.7	0.6	0.7	0.7	0.5	0.5	0.1	0.2	0.3	0.4	0.4	0.9	0.5
1974	0.4	0.6	0.5	0.5	0.3	0.1	0.1	0.1	0.2	0.4	0.2	0.4	0.3
1975	0.4	1.0	0.6	0.2	0.1	0.2	0.3	0.1	0.5	0.4	0.3	0.4	0.4
MEAN	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.7	0.5	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 111

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	2.4	2.0	2.6	1.9	1.5	1.2	0.9	2.6	3.3	1.7	1.5	
1957	2.2	3.0	2.3	2.4	1.8	1.7	1.7	1.6	2.4	1.5	2.2	2.1	
1958	2.7	2.4	2.4	2.6	2.4	1.5	1.1	1.8	2.5	1.9	2.1	3.1	
1959	2.3	2.2	2.7	2.1	1.9	1.5	2.6	1.1	2.7	2.5	2.3	2.3	
1960	2.1	3.0	2.5	2.3	1.8	1.4	2.5	1.0	2.9	1.2	2.0	2.1	
1961	2.9	2.7	2.8	2.9	2.2	2.2	1.1	2.1	1.7	1.6	1.9	2.1	
1962	2.3	2.1	2.2	2.5	1.4	1.4	1.6	2.7	2.2	2.1	3.4	2.4	
1963	1.7	2.4	2.3	2.2	2.2	1.3	1.0	1.2	2.6	2.9	2.4	2.5	
1964	2.7	2.5	1.8	2.1	2.6	2.5	1.7	2.2	3.0	2.9	2.4	2.1	
1965	1.7	2.9	2.0	2.0	1.4	1.5	1.4	1.4	1.7	2.9	1.3	1.1	
1966	3.1	3.0	2.6	1.5	2.0	3.3	1.9	1.3	2.1	1.4	1.9	2.2	
1967	2.4	1.8	2.0	1.8	2.1	2.2	1.7	1.5	2.3	1.6	1.3	3.0	
1968	2.7	1.4	2.6	1.2	1.3	2.3	1.1	0.9	0.5	2.3	1.9	2.3	
1969	2.2	2.8	2.8	2.1	2.4	2.0	1.2	1.6	1.6	2.5	3.5	2.5	
1970	2.2	2.8	2.3	2.2	2.5	1.7	1.3	2.0	1.4	3.5	2.6	2.7	
1971	2.1	2.3	3.3	2.8	2.2	1.2	1.6	2.1	1.2	2.5	2.5	2.7	
1972	2.2	2.9	2.0	2.1	3.2	2.9	2.2	1.3	1.0	1.6	2.3	2.5	
1973	2.8	3.1	2.7	2.1	2.0	1.2	0.4	1.3	2.1	1.7	2.1	3.5	
1974	1.8	2.4	1.2	2.0	1.9	0.6	0.4	0.5	1.3	1.9	2.2	2.6	
1975	2.0	2.7	2.3	1.2	0.8	0.8	1.1	0.6	2.1	1.8	1.0	2.7	

LARGEST HS(METRES) FOR STATION 111 = 3.5

STATION 112 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 20.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	2549	4625	3552	2188	277	242	176	15	.	.	13544	
0.5-0.99	.	390	2681	2184	373	111	5709	
1.0-1.49	.	.	18	140	118	15	289	
1.5-1.99	0	
2.0-2.49	0	
2.5-2.99	0	
3.0-3.49	0	
3.5-3.99	0	
4.0-4.49	0	
4.5-4.99	0	
5.0-5.49	0	
5.5-5.99	0	
6.0-6.49	0	
6.5-6.99	0	
7.0-7.49	0	
7.5-7.99	0	
8.0-8.49	0	
8.5-8.99	0	
9.0-9.49	0	
9.5-9.99	0	
10.0-10.49	0	
10.5-10.99	0	
11.0-11.49	0	
11.5-11.99	0	
12.0-12.49	0	
12.5-12.99	0	
13.0-13.49	0	
13.5-13.99	0	
14.0-14.49	0	
14.5-14.99	0	
15.0-15.49	0	
15.5-15.99	0	
16.0-16.49	0	
16.5-16.99	0	
17.0-17.49	0	
17.5-17.99	0	
18.0-18.49	0	
18.5-18.99	0	
19.0-19.49	0	
19.5-19.99	0	
20.0-20.49	0	
20.5-20.99	0	
21.0-21.49	0	
21.5-21.99	0	
22.0-22.49	0	
22.5-22.99	0	
23.0-23.49	0	
23.5-23.99	0	
24.0-24.49	0	
24.5-24.99	0	
25.0-25.49	0	
25.5-25.99	0	
26.0-26.49	0	
26.5-26.99	0	
27.0-27.49	0	
27.5-27.99	0	
28.0-28.49	0	
28.5-28.99	0	
29.0-29.49	0	
29.5-29.99	0	
30.0-30.49	0	
30.5-30.99	0	
31.0-31.49	0	
31.5-31.99	0	
32.0-32.49	0	
32.5-32.99	0	
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39.0-39.49	0	
39.5-39.99	0	
40.0-40.49	0	
40.5-40.99	0	
41.0-41.49	0	
41.5-41.99	0	
42.0-42.49	0	
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86.0-86.49	0	
86.5-86.99	0	
87.0-87.49	0	
87.5-87.99	0	
88.0-88.49	0	
88.5-88.99							

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

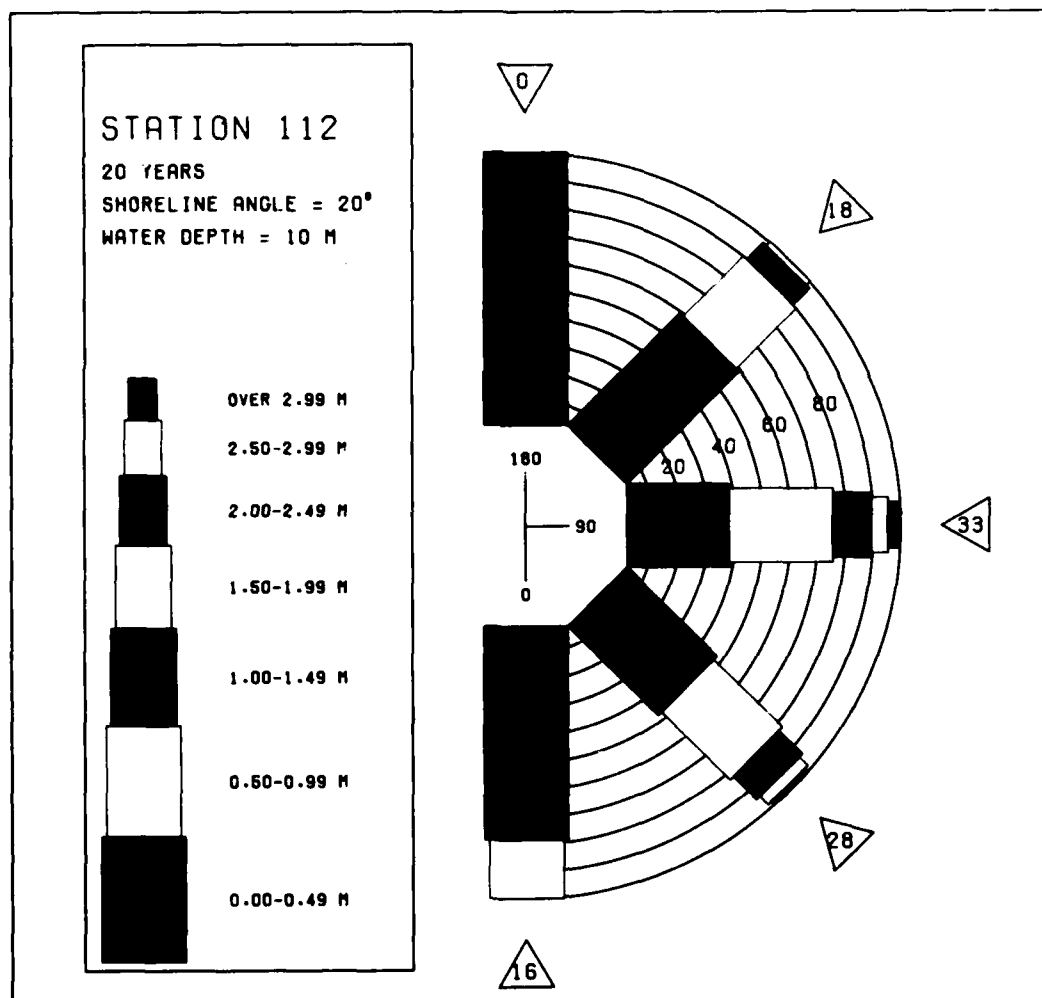
AVERAGE HS(M) = 0.80 LARGEST HS(M) = 3.58 ANGLE CLASS % = 28.7

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 1.76 ANGLE CLASS % = 12.9

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

[illegible]

MEAN HS(METRES) BY MONTH AND YEAR

STATION 112

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.3	0.7	0.4	0.7	0.5	0.6	0.4	0.2	0.4	0.9	0.4	0.4	0.5
1957	0.6	0.8	0.6	0.7	0.5	0.5	0.5	0.6	0.7	0.8	0.8	0.6	0.6
1958	0.5	0.4	0.5	0.8	0.6	0.5	0.5	0.5	0.7	0.8	0.5	0.6	0.6
1959	0.4	0.8	0.7	0.5	0.6	0.4	0.9	0.4	0.8	1.0	0.8	0.6	0.7
1960	0.5	0.7	0.7	0.6	0.6	0.5	0.6	0.4	0.8	0.5	0.5	0.5	0.6
1961	0.5	0.7	0.8	0.6	0.7	0.7	0.4	0.7	0.6	0.6	0.5	0.6	0.6
1962	0.6	0.7	0.8	0.6	0.4	0.6	0.5	0.6	0.5	0.5	0.8	1.2	0.6
1963	1.0	1.3	0.9	0.8	0.8	0.8	0.7	0.7	1.0	1.1	0.9	0.7	0.9
1964	0.5	0.4	0.6	0.7	0.5	0.6	0.6	0.5	0.9	0.8	0.7	0.7	0.6
1965	0.4	0.8	0.5	0.5	0.3	0.6	0.5	0.3	0.7	0.8	0.6	0.3	0.5
1966	0.6	0.9	0.6	0.5	0.7	0.6	0.6	0.5	0.5	0.5	0.6	0.5	0.6
1967	0.5	0.6	0.6	0.6	0.6	1.0	0.6	0.6	0.7	0.5	0.3	0.6	0.6
1968	0.7	0.2	0.3	0.2	0.3	0.4	0.2	0.2	0.2	0.5	0.3	0.3	0.3
1969	0.6	0.6	0.5	0.7	0.7	0.5	0.4	0.6	0.6	0.8	0.9	0.5	0.6
1970	0.5	0.8	0.8	0.5	0.5	0.6	0.5	0.7	0.4	1.1	0.4	0.4	0.6
1971	0.6	0.6	0.5	0.5	0.5	0.3	0.5	0.5	0.6	0.9	0.7	1.3	0.6
1972	0.8	0.7	0.6	0.6	1.0	1.0	0.7	0.5	0.4	0.9	0.7	0.6	0.7
1973	0.8	0.6	0.7	0.6	0.5	0.5	0.1	0.2	0.3	0.4	0.4	0.9	0.5
1974	0.4	0.5	0.4	0.4	0.3	0.1	0.1	0.1	0.3	0.5	0.2	0.4	0.3
1975	0.4	1.1	0.6	0.2	0.1	0.2	0.3	0.1	0.5	0.4	0.3	0.4	0.4
MEAN	0.6	0.7	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 112

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	2.4	1.7	2.2	2.0	1.6	1.1	0.9	2.6	3.3	1.7	1.7	
1957	2.2	3.0	2.2	2.2	1.8	1.9	1.8	1.8	2.5	1.5	2.2	2.0	
1958	2.6	2.1	2.4	2.7	2.4	1.5	1.1	1.8	2.5	2.1	2.1	3.1	
1959	2.2	2.3	2.5	2.0	1.9	1.5	2.6	1.1	2.8	2.6	2.4	2.5	
1960	2.1	2.9	2.4	2.2	2.0	1.3	2.4	1.0	2.8	1.4	1.9	2.3	
1961	2.9	2.8	2.8	2.8	2.3	2.2	1.2	2.1	1.7	1.8	1.8	2.2	
1962	2.3	2.2	2.2	2.4	1.4	1.4	1.6	2.7	2.4	2.1	3.5	2.5	
1963	1.7	2.5	2.3	2.2	2.3	1.5	1.0	1.2	2.7	2.9	2.4	2.5	
1964	2.7	2.5	1.9	2.1	2.8	2.6	1.6	2.2	3.0	2.9	2.4	2.1	
1965	1.5	2.7	2.1	2.0	1.4	1.5	1.3	1.6	1.9	3.2	1.4	1.1	
1966	3.0	2.7	2.3	1.3	1.9	3.3	1.9	1.3	2.1	1.5	2.2	2.2	
1967	2.2	1.7	2.0	1.9	2.4	2.2	1.6	1.7	2.2	1.8	1.2	2.9	
1968	2.8	1.3	2.4	1.1	1.3	2.4	1.1	0.9	0.6	2.3	2.0	2.0	
1969	2.2	3.0	2.7	2.0	2.3	1.9	1.1	1.5	1.8	2.7	3.5	2.4	
1970	2.2	2.5	2.2	2.0	2.3	1.8	1.3	1.8	1.2	3.5	2.8	2.5	
1971	2.1	2.3	3.3	2.7	2.2	1.2	1.3	2.2	1.3	2.8	2.4	2.9	
1972	2.1	2.8	2.1	2.0	3.1	2.7	2.2	1.4	1.1	1.9	2.1	2.5	
1973	2.6	2.7	2.6	2.0	1.9	1.2	0.4	1.0	2.1	1.5	2.0	3.6	
1974	1.6	2.4	1.1	1.9	1.7	0.6	0.4	0.5	1.4	2.1	2.3	2.6	
1975	1.8	2.9	2.2	1.2	0.8	0.8	1.0	0.6	2.1	2.0	1.0	2.5	

LARGEST HS(METRES) FOR STATION 112 = 3.6

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

AVERAGE HS(M) = 0.40 LARGEST HS(M) = 1.71 ANGLE CLASS % = 19.6

SHORELINE ANGLE = 17.0 DEGREES AZIMUTH

[illegible]

AVERAGE HS(M) = 0.72 LARGEST HS(M) = 3.19 ANGLE CLASS % = 16.3

STATION 113 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.
SHORELINE ANGLE = 17.0 DEGREES AZIMUTH

[illegible]

AVERAGE HS(M) = 0.71 LARGEST HS(M) = 3.45 ANGLE CLASS % = 12.0

STATION 113 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
SHORELINE ANGLE = 17.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.99	793	862			838	1286	521	391	212	215	5118
1.0-1.99		716			116	1358	2171	2556	456	2537	10290
2.0-2.99			2123	225	116	674	672	456	456	785	5090
3.0-3.99			350	1463	340	1218	722	138	350	118	2551
4.0-4.99				121	604	853	255	46	94	8	1249
5.0-5.99					111	30	240	70	2		353
6.0-6.99							13	3			46
7.0-7.99								1			8
8.0-8.99											0
9.0-9.99											0
10.0-10.99											0
11.0-11.99											0
12.0-12.99											0
13.0-13.99											0
14.0-14.99											0
15.0-15.99											0
16.0-16.99											0
17.0-17.99											0
18.0-18.99											0
19.0-19.99											0
20.0-20.99											0
21.0-21.99											0
22.0-22.99											0
23.0-23.99											0
24.0-24.99											0
25.0-25.99											0
26.0-26.99											0
27.0-27.99											0
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29.0-29.99											0
30.0-30.99											0
31.0-31.99											0
32.0-32.99											0
33.0-33.99											0
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36.0-36.99											0
37.0-37.99											0
38.0-38.99											0
39.0-39.99											0
40.0-40.99											0
41.0-41.99											0
42.0-42.99											0
43.0-43.99											0
44.0-44.99											0
45.0-45.99											0
46.0-46.99											

STATION 113 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
SHORELINE ANGLE = 17.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)		PERIOD (SECONDS)											TOTAL
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER	
0.00	- 0.49	961	1947	1885	1550	1918	2084	932	.	.	.	11277	
0.50	- 0.99	.	165	1892	1745	1060	1098	325	.	.	.	6285	
1.00	- 1.49	.	.	35	655	758	954	54	.	.	.	2456	
1.50	- 1.99	.	.	.	3	143	742	90	.	.	.	979	
2.00	- 2.49	.	.	.	.	18	51	17	3	.	.	110
2.50	- 2.99	.	.	.	.	.	11	.	.	.	.	0
3.00	- 3.49	.	.	.	.	.	.	.	.	.	.	0
3.50	- 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		961	2112	3812	3953	3897	4940	1418	4	0	0		
AVERAGE HS(M) = 0.57 LARGEST HS(M) = 2.66 ANGLE CLASS % = 21.1													

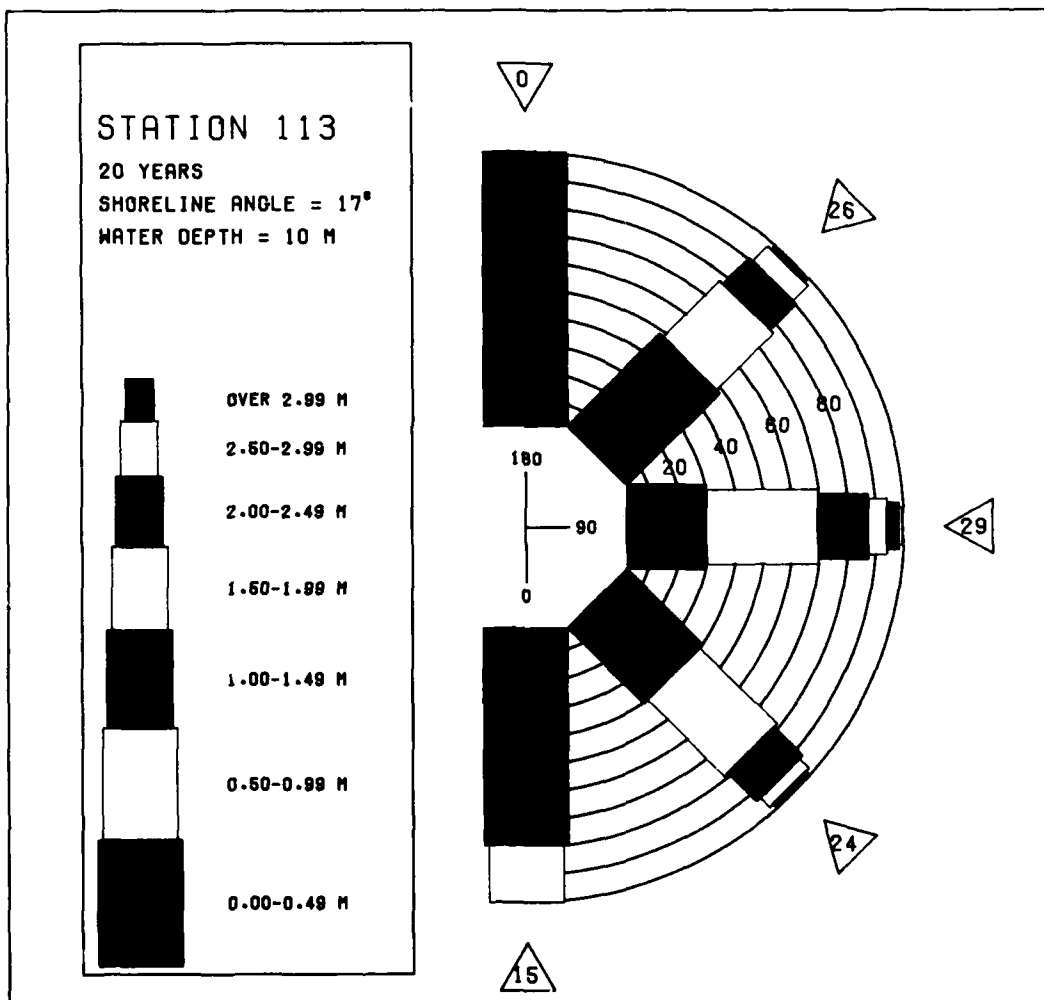
STATION 113 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
SHORELINE ANGLE = 17.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	1	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	1	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	1	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	1	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	1	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	1	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	1	.	.	.	.	.	.	.	.	.	.	0
10.0-10.9	1	.	.	.	.	.	.	.	.	.	.	0
11.0-11.9	1	.	.	.	.	.	.	.	.	.	.	0
12.0-12.9	1	.	.	.	.	.	.	.	.	.	.	0
13.0-13.9	1	.	.	.	.	.	.	.	.	.	.	0
14.0-14.9	1	.	.	.	.	.	.	.	.	.	.	0
15.0-15.9	1	.	.	.	.	.	.	.	.	.	.	0
16.0-16.9	1	.	.	.	.	.	.	.	.	.	.	0
17.0-17.9	1	.	.	.	.	.	.	.	.	.	.	0
18.0-18.9	1	.	.	.	.	.	.	.	.	.	.	0
19.0-19.9	1	.	.	.	.	.	.	.	.	.	.	0
20.0-20.9	1	.	.	.	.	.	.	.	.	.	.	0
21.0-21.9	1	.	.	.	.	.	.	.	.	.	.	0
22.0-22.9	1	.	.	.	.	.	.	.	.	.	.	0
23.0-23.9	1	.	.	.	.	.	.	.	.	.	.	0
24.0-24.9	1	.	.	.	.	.	.	.	.	.	.	0
25.0-25.9	1	.	.	.	.	.	.	.	.	.	.	0
26.0-26.9	1	.	.	.	.	.	.	.	.	.	.	0
27.0-27.9	1	.	.	.	.	.	.	.	.	.	.	0
28.0-28.9	1	.	.	.	.	.	.	.	.	.	.	0
29.0-29.9	1	.	.	.	.	.	.	.	.	.	.	0
30.0-30.9	1	.	.	.	.	.	.	.	.	.	.	0
31.0-31.9	1	.	.	.	.	.	.	.	.	.	.	0
32.0-32.9	1	.	.	.	.	.	.	.	.	.	.	0
33.0-33.9	1	.	.	.	.	.	.	.	.	.	.	0
34.0-34.9	1	.	.	.	.	.	.	.	.	.	.	0
35.0-35.9	1	.	.	.	.	.	.	.	.	.	.	0
36.0-36.9	1	.	.	.	.	.	.	.	.	.	.	0
37.0-37.9	1	.	.	.	.	.	.	.	.	.	.	0
38.0-38.9	1	.	.	.	.	.	.	.	.	.	.	0
39.0-39.9	1	.	.	.	.	.	.	.	.	.	.	0
40.0-40.9	1	.	.	.	.	.	.	.	.	.	.	0
41.0-41.9	1	.	.	.	.	.	.	.	.	.	.	0
42.0-42.9	1	.	.	.	.	.	.	.	.	.	.	0
43.0-43.9	1	.	.	.	.	.	.	.	.	.	.	0
44.0-44.9	1	.	.	.	.	.	.	.	.	.	.	0
45.0-45.9	1	.	.	.</								

STATION 113 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 17.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (%100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.0-0.49	523	804	508	411	569	774	446	70	35	33	4173
0.50-0.99	.	266	259	403	452	515	378	71	26	308	3177
1.00-1.49	.	.	89	383	416	373	106	54	20	105	1326
1.50-1.99	.	.	.	22	22	127	48	17	13	15	510
2.00-2.49	8	34	9	1	2	210
2.50-2.99	2	5	.	.	57
3.00-3.49	6
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	523	1070	1556	1217	1121	1960	1063	235	147	463	

AVE HS(M) = 0.64 LARGEST HS(M) = 3.83 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 113

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.3	0.8	0.4	0.7	0.7	0.8	0.4	0.3	0.5	1.0	0.6	0.4	0.6
1957	0.7	0.9	0.7	0.7	0.5	0.5	0.5	0.8	0.9	0.9	0.8	0.6	0.7
1958	0.5	0.3	0.6	0.8	0.6	0.6	0.6	0.5	0.8	1.0	0.6	0.6	0.6
1959	0.4	0.9	0.8	0.6	0.7	0.4	1.0	0.5	1.0	1.2	0.9	0.7	0.8
1960	0.5	0.7	0.7	0.6	0.7	0.6	0.6	0.5	0.9	0.7	0.7	0.6	0.6
1961	0.5	0.7	0.9	0.5	0.8	0.8	0.5	0.8	0.6	0.8	0.6	0.6	0.7
1962	0.7	0.7	0.9	0.6	0.5	0.7	0.5	0.6	0.6	0.5	0.8	1.2	0.7
1963	1.1	1.4	0.9	0.8	0.9	0.9	0.7	0.7	1.2	1.2	1.2	0.8	1.0
1964	0.5	0.4	0.6	0.7	0.6	0.7	0.6	0.6	1.0	1.0	0.8	0.9	0.7
1965	0.5	0.8	0.6	0.6	0.3	0.6	0.6	0.4	1.0	1.0	0.6	0.4	0.6
1966	0.7	0.9	0.6	0.5	0.9	0.7	0.7	0.5	0.6	0.7	0.7	0.6	0.7
1967	0.5	0.6	0.7	0.6	0.6	1.1	0.6	0.6	0.9	0.6	0.4	0.5	0.6
1968	0.9	0.4	0.3	0.2	0.3	0.6	0.4	0.3	0.3	0.6	0.3	0.3	0.4
1969	0.7	0.6	0.4	0.8	0.8	0.6	0.4	0.7	0.7	1.0	1.3	0.6	0.7
1970	0.5	0.8	0.8	0.5	0.6	0.7	0.6	0.8	0.4	1.3	0.4	0.4	0.6
1971	0.6	0.6	0.4	0.4	0.5	0.4	0.5	0.6	0.7	1.0	0.7	1.6	0.7
1972	0.8	0.8	0.6	0.7	1.1	1.0	0.8	0.6	0.5	1.1	0.7	0.7	0.8
1973	0.9	0.6	0.7	0.6	0.5	0.5	0.2	0.2	0.3	0.5	0.4	0.8	0.5
1974	0.5	0.4	0.4	0.4	0.3	0.2	0.1	0.2	0.4	0.8	0.2	0.4	0.4
1975	0.5	1.3	0.6	0.2	0.2	0.2	0.3	0.1	0.5	0.6	0.4	0.5	0.5
MEAN	0.6	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.7	0.9	0.6	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 113

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.5	2.6	1.4	2.1	2.1	1.9	1.2	1.0	2.6	3.3	2.2	2.1
1957	2.3	3.2	2.3	2.4	1.5	1.4	2.2	2.1	2.8	1.9	2.3	2.0
1958	2.6	2.3	2.5	2.6	2.3	1.4	1.2	1.6	2.5	2.2	2.0	2.9
1959	2.3	2.6	2.5	1.7	1.9	1.6	3.0	1.1	3.2	3.0	2.2	2.8
1960	2.2	2.9	2.5	1.9	2.0	1.5	2.4	1.3	2.8	1.8	2.1	2.2
1961	3.0	2.8	2.9	2.5	2.3	2.0	1.2	2.0	2.2	2.2	2.1	2.1
1962	2.1	2.3	2.6	2.3	1.5	1.6	1.4	2.6	2.6	2.1	2.7	2.5
1963	1.9	3.0	2.2	2.3	2.2	2.2	1.1	1.6	3.2	3.0	2.5	2.9
1964	2.7	3.2	2.1	2.1	2.6	2.7	1.4	2.4	3.0	2.9	2.5	2.3
1965	1.6	2.6	2.3	2.6	1.4	1.8	1.9	1.4	2.2	3.2	1.5	1.7
1966	3.0	2.7	2.0	1.2	2.1	2.6	2.4	1.9	2.1	1.9	2.5	2.2
1967	2.1	2.2	2.0	1.9	2.3	2.3	1.5	2.0	2.2	2.0	1.1	2.6
1968	3.2	2.0	2.3	1.0	1.2	2.4	1.3	1.1	0.8	2.2	2.0	1.8
1969	2.2	3.7	2.7	2.2	2.2	1.9	1.1	1.8	2.0	3.0	3.8	2.4
1970	2.3	2.4	2.3	2.2	2.2	2.0	1.3	2.2	1.1	3.4	2.9	2.2
1971	2.2	2.1	3.4	2.7	2.0	1.1	1.5	2.3	1.8	3.3	2.5	3.1
1972	2.0	2.8	2.4	2.2	3.0	2.6	2.4	1.5	1.7	2.2	2.2	2.5
1973	2.5	2.9	2.6	2.0	1.9	1.4	0.5	1.2	2.1	2.1	2.2	2.9
1974	1.8	2.3	1.3	2.0	2.2	0.7	0.5	0.6	2.0	2.3	2.4	2.6
1975	1.6	3.3	2.2	1.3	0.8	1.0	1.0	0.6	2.3	2.1	1.3	2.5

LARGEST HS(METRES) FOR STATION 113 = 3.8

E..

STATION 114 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
SHORELINE ANGLE = 36.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0	-	1894	3064	2267	1004	879	1906	6	.	.	.	11020
0.0-0.9	-	.	441	2837	1726	708	598	17	.	.	.	6327
1.0	-	.	.	42	239	167	15	1	.	.	.	464
1.0-1.9	-	.	.	.	.	1	.	.	.	.	.	1
2.0	-	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	-	.	.	.	.	.	.	.	.	.	.	0
3.0	-	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	-	.	.	.	.	.	.	.	.	.	.	0
4.0	-	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	-	.	.	.	.	.	.	.	.	.	.	0
5.0	-	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	-	.	.	.	.	.	.	.	.	.	.	0
6.0	-	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	-	.	.	.	.	.	.	.	.	.	.	0
7.0	-	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	-	.	.	.	.	.	.	.	.	.	.	0
8.0	-	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	-	.	.	.	.	.	.	.	.	.	.	0
9.0	-	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	-	.	.	.	.	.	.	.	.	.	.	0
10.0	-	.	.	.	.	.	.	.	.	.	.	0
10.0-10.9	-	.	.	.	.	.	.	.	.	.	.	0
11.0	-	.	.	.	.	.	.	.	.	.	.	0
11.0-11.9	-	.	.	.	.	.	.	.	.	.	.	0
12.0	-	.	.	.	.	.	.	.	.	.	.	0
12.0-12.9	-	.	.	.	.	.	.	.	.	.	.	0
13.0	-	.	.	.	.	.	.	.	.	.	.	0
13.0-13.9	-	.	.	.	.	.	.	.	.	.	.	0
14.0	-	.	.	.	.	.	.	.	.	.	.	0
14.0-14.9	-	.	.	.	.	.	.	.	.	.	.	0
15.0	-	.	.	.	.	.	.	.	.	.	.	0
15.0-15.9	-	.	.	.	.	.	.	.	.	.	.	0
16.0	-	.	.	.	.	.	.	.	.	.	.	0
16.0-16.9	-	.	.	.	.	.	.	.	.	.	.	0
17.0	-	.	.	.	.	.	.	.	.	.	.	0
17.0-17.9	-	.	.	.	.	.	.	.	.	.	.	0
18.0	-	.	.	.	.	.	.	.	.	.	.	0
18.0-18.9	-	.	.	.	.	.	.	.	.	.	.	0
19.0	-	.	.	.	.	.	.	.	.	.	.	0
19.0-19.9	-	.	.	.	.	.	.	.	.	.	.	0
20.0	-	.	.	.	.	.	.	.	.	.	.	0
20.0-20.9	-	.	.	.	.	.	.	.	.	.	.	0
21.0	-	.	.	.	.	.	.	.	.	.	.	0
21.0-21.9	-	.	.	.	.	.	.	.	.	.	.	0
22.0	-	.	.	.	.	.	.	.	.	.	.	0
22.0-22.9	-	.	.	.	.	.	.	.	.	.	.	0
23.0	-							

STATION 114 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
SHORELINE ANGLE = 36.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0 - 0.49	817	891			915	1680	429	20	.	.	4752
0.50 - 0.99	.	1090	2227	426	273	1820	328	29	.	.	6193
1.00 - 1.49	.	.	299	1057	677	1072	280	63	3	.	3481
1.50 - 1.99	.	.	.	63	376	752	150	42	.	.	1383
2.00 - 2.49	66	177	99	51	3	.	396
2.50 - 2.99	1	5	29	32	1	.	68
3.00 - 3.49	1	1	.	.	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	817	1981	2526	1546	2308	5506	1316	238	7	0	
AVERAGE HS(M) = 0.84 LARGEST HS(M) = 3.05 ANGLE CLASS % = 16.3											

STATION 114 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
SHORELINE ANGLE = 36.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

MEAN HS(METRES) BY MONTH AND YEAR

STATION 114

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	1.2	0.5	0.7	0.7	0.7	0.5	0.3	0.6	1.1	0.7	0.5	0.7
1957	0.7	1.0	0.6	0.9	0.5	0.6	0.6	0.8	1.0	1.1	1.1	0.7	0.8
1958	0.7	0.4	0.8	0.9	0.7	0.8	0.7	0.6	0.7	1.4	0.8	0.9	0.8
1959	0.6	1.1	0.9	0.8	0.7	0.6	1.0	0.5	1.0	1.9	1.2	0.8	0.9
1960	0.6	0.8	0.8	0.7	0.6	0.6	0.7	0.6	0.9	0.7	0.7	0.6	0.7
1961	0.6	0.8	1.1	0.6	1.0	0.9	0.7	0.9	0.7	0.8	0.7	0.8	0.8
1962	1.0	0.8	0.9	0.8	0.5	0.8	0.5	0.7	0.7	0.7	1.0	1.2	0.8
1963	0.9	1.3	0.8	0.7	0.8	0.8	0.6	0.5	1.1	1.5	1.3	1.2	1.0
1964	0.6	0.5	0.8	0.9	0.6	0.6	0.7	0.7	1.1	1.1	0.8	1.1	0.8
1965	0.5	1.0	0.7	0.8	0.4	0.7	0.6	0.5	1.0	1.0	0.7	0.4	0.7
1966	0.7	1.0	0.7	0.7	1.0	0.7	0.8	0.7	0.8	0.7	0.8	0.6	0.7
1967	0.6	0.6	0.7	0.7	0.7	1.1	0.8	0.7	0.9	0.6	0.5	0.6	0.7
1968	1.0	0.5	0.4	0.2	0.3	1.0	0.7	0.7	0.6	1.0	0.6	0.3	0.6
1969	0.8	0.6	0.5	0.8	1.0	0.8	0.6	0.8	0.8	1.0	2.0	1.1	0.9
1970	0.7	0.7	0.9	0.7	0.7	0.7	0.6	0.8	0.5	1.4	0.5	0.4	0.7
1971	0.6	0.8	0.6	0.6	0.7	0.5	0.5	0.6	0.9	1.1	0.9	1.7	0.8
1972	0.8	0.8	0.7	0.8	1.3	1.2	1.2	0.7	0.5	1.1	0.8	0.8	0.9
1973	1.1	0.7	0.8	0.7	0.7	0.6	0.2	0.2	0.3	0.6	0.5	0.8	0.6
1974	0.5	0.5	0.6	0.7	0.4	0.2	0.2	0.2	0.4	1.1	0.5	0.4	0.5
1975	0.7	1.6	0.8	0.3	0.2	0.3	0.3	0.1	0.6	0.7	0.5	0.5	0.6
MEAN	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.8	1.0	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 114

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.5	2.6	1.6	2.2	2.1	1.4	1.1	1.0	2.7	3.1	1.9	1.5	
1957	2.1	3.2	2.0	2.6	1.5	2.4	1.9	2.1	2.4	1.9	2.4	1.9	
1958	3.0	2.3	2.6	2.7	2.4	1.5	1.3	1.7	2.1	3.1	1.7	3.0	
1959	2.5	2.5	2.6	2.1	2.0	1.7	3.3	1.2	3.4	3.3	2.2	2.7	
1960	2.2	2.8	2.6	2.2	2.1	1.7	2.7	1.0	3.3	1.6	2.1	2.3	
1961	3.2	3.0	2.8	2.7	2.1	2.2	1.4	2.0	2.0	2.1	2.2	2.3	
1962	2.4	2.1	2.7	2.6	1.4	1.8	1.3	2.6	2.4	2.1	4.6	3.4	
1963	2.1	2.9	2.2	2.3	2.1	1.8	1.0	1.3	3.1	3.6	2.6	3.1	
1964	2.5	2.6	2.2	2.3	2.3	2.3	1.7	2.5	3.3	3.4	2.5	2.3	
1965	2.2	2.9	2.2	2.6	1.2	2.0	1.8	1.3	2.1	3.0	1.6	1.5	
1966	3.1	3.0	2.3	1.9	2.0	2.6	2.4	1.5	2.1	1.6	2.4	2.0	
1967	2.1	2.1	2.0	1.8	2.3	2.0	1.7	2.0	2.3	1.8	1.3	2.6	
1968	2.9	1.5	2.7	1.2	1.2	2.6	1.6	1.3	1.1	2.4	2.1	2.1	
1969	2.1	3.0	2.7	2.2	2.0	2.0	1.2	1.9	2.0	2.8	4.1	2.6	
1970	2.5	2.7	2.2	2.4	2.5	1.6	1.7	2.4	1.2	3.2	2.8	2.4	
1971	2.1	2.2	3.5	2.5	2.1	1.0	1.6	2.1	1.6	3.1	2.5	3.2	
1972	2.1	2.7	2.3	2.1	3.7	2.7	2.6	1.4	1.6	2.1	2.5	2.5	
1973	2.8	3.0	2.5	2.1	2.1	1.6	0.6	1.3	2.0	1.6	2.2	3.0	
1974	1.8	2.5	1.5	2.1	2.0	0.6	0.6	0.6	1.8	2.3	2.3	2.5	
1975	2.3	3.4	2.4	1.3	1.0	1.6	1.2	0.9	2.5	1.9	2.0	2.6	

LARGEST HS(METRES) FOR STATION 114 = 4.6

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.33 LARGEST HS(M) = 1.25 ANGLE CLASS % = 9.9

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 3.53 ANGLE CLASS % = 21.6

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 3.56 ANGLE CLASS % = 11.2

STATION 115 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 65.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	836	658	1671	71	1045	1036	1396	116	71	266	5424
0.50-0.99	.	852	316	802	152	2701	3212	8	100	1052	8335
1.00-1.49	.	.	.	104	251	833	855	8	154	805	1891
1.50-1.99	66	350	222	8	35	242	1313
2.00-2.49	337	130	23	1	140	577
2.50-2.99	25	97	6	1	41	187
3.00-3.49	1	.	.	.	6	48
3.50-3.99	7
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	836	1510	1987	977	1653	5292	5921	231	494	2560	

AVERAGE HS(M) = 0.84 LARGEST HS(M) = 3.80 ANGLE CLASS % = 21.5

STATION 115 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 65.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	751	775	22	650	451	1011	764	576	499	49	4849
0.50-0.99	.	660	2073	1035	393	1177	1305	1028	787	49	8122
1.00-1.49	.	.	222	42	616	1113	468	241	297	58	4050
1.50-1.99	207	588	241	106	49	18	1351
2.00-2.49	20	114	97	58	6	3	298
2.50-2.99	3	17	1	3	24
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	751	1435	2317	1727	1687	4003	2878	2026	1639	132	

AVERAGE HS(M) = 0.82 LARGEST HS(M) = 3.16 ANGLE CLASS % = 18.6

STATION 115 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 65.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

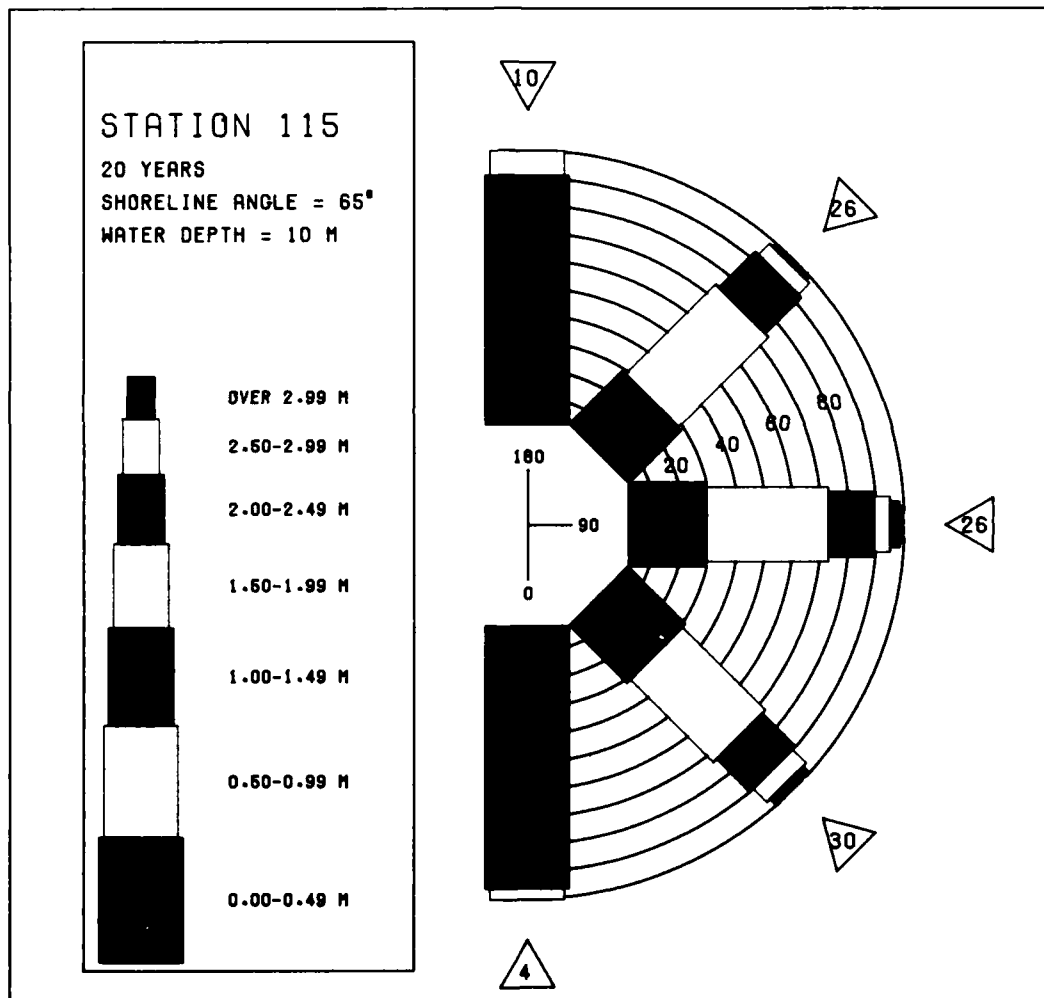
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1225	2034	2327	3581	876	30	.	.	.	.	10073
0.50-0.99	.	145	1350	1392	521	102	.	.	.	.	3510
1.00-1.49	.	.	8	58	49	1	.	.	.	.	116
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1225	2179	3685	5031	1446	133	0	0	0	0	

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.36 ANGLE CLASS % = 13.7

STATION 115 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 65.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	630	783	400	438	436	523	280	72	61	26	3649
0.50-0.99	.	394	1184	425	190	745	516	109	92	110	3765
1.00-1.49	.	.	114	425	200	356	178	29	45	86	1434
1.50-1.99	.	.	.	28	134	214	74	15	17	26	508
2.00-2.49	22	110	45	10	4	14	211
2.50-2.99	8	2	8	1	4	45
3.00-3.49	12
3.50-3.99	6
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	630	1177	1698	1317	982	1956	1118	259	220	267	

AVE HS(M) = 0.70 LARGEST HS(M) = 3.80 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 115

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	1.2	0.6	0.9	0.6	0.6	0.6	0.3	0.5	0.6	0.5	0.6	0.6
1957	0.6	0.8	0.7	0.9	0.5	0.6	0.6	0.7	0.8	0.7	1.0	0.8	0.7
1958	0.7	0.6	0.8	0.9	0.7	0.8	0.7	0.6	0.5	1.0	0.6	0.7	0.7
1959	0.6	1.0	0.9	0.8	0.8	0.6	1.0	0.6	0.8	1.7	1.0	0.7	0.9
1960	0.6	0.8	0.8	0.8	0.6	0.6	0.7	0.6	0.7	0.5	0.6	0.4	0.7
1961	0.7	0.9	1.1	0.9	1.0	1.0	0.8	0.9	0.5	0.5	0.6	0.8	0.8
1962	0.9	0.8	0.8	0.9	0.4	0.7	0.6	0.6	0.6	0.5	0.8	0.9	0.7
1963	0.9	1.1	0.9	0.7	0.6	0.7	0.7	0.6	0.7	1.1	1.1	0.9	0.8
1964	0.7	0.6	0.9	0.9	0.5	0.6	0.8	0.7	0.8	0.9	0.7	1.0	0.7
1965	0.5	0.9	0.7	0.8	0.4	0.6	0.6	0.6	0.7	0.8	0.6	0.3	0.6
1966	0.6	1.0	0.7	0.8	0.9	0.6	0.8	0.6	0.7	0.5	0.5	0.5	0.7
1967	0.6	0.6	0.7	0.7	0.7	0.9	0.9	0.8	0.6	0.5	0.5	0.6	0.7
1968	0.7	0.4	0.5	0.2	0.3	0.9	0.7	0.6	0.6	0.9	0.6	0.4	0.6
1969	0.6	0.5	0.6	0.8	0.9	0.8	0.6	0.7	0.6	0.7	1.9	1.1	0.8
1970	0.6	0.7	1.0	0.7	0.7	0.7	0.7	0.9	0.5	1.1	0.4	0.5	0.7
1971	0.7	0.9	0.7	0.7	0.8	0.5	0.6	0.6	0.7	0.9	0.8	1.3	0.8
1972	0.8	0.7	0.7	0.8	1.1	1.3	1.2	0.7	0.4	0.8	0.7	0.8	0.8
1973	0.9	0.6	0.9	0.9	0.8	0.6	0.2	0.2	0.3	0.4	0.5	0.9	0.6
1974	0.5	0.6	0.7	0.8	0.4	0.3	0.2	0.1	0.2	0.8	0.5	0.5	0.5
1975	0.7	1.3	0.8	0.3	0.2	0.3	0.3	0.1	0.5	0.5	0.4	0.4	0.5
MEAN	0.7	0.8	0.8	0.8	0.6	0.7	0.7	0.6	0.6	0.8	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 115

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.5	2.4	2.0	2.8	1.9	1.3	1.2	1.0	2.8	3.3	1.1	1.8	
1957	2.1	3.2	2.1	2.9	1.5	2.4	1.9	1.7	1.8	1.5	2.4	2.2	
1958	3.1	2.4	2.6	2.5	2.1	1.7	1.3	1.8	1.9	2.0	1.7	3.0	
1959	2.5	2.5	3.1	2.2	2.0	1.7	3.2	1.5	3.3	2.8	2.1	2.4	
1960	2.5	3.0	2.8	2.4	1.6	2.0	3.0	1.3	3.3	1.8	2.0	1.7	
1961	3.2	2.4	2.8	3.0	2.1	2.2	1.5	2.1	2.1	1.7	2.4	2.3	
1962	2.6	2.3	2.4	2.8	1.1	1.7	1.5	2.6	2.0	1.8	3.2	2.1	
1963	2.1	2.4	2.3	2.3	1.7	1.6	1.2	1.3	2.6	3.3	2.7	2.4	
1964	2.5	2.7	2.4	2.3	2.0	2.2	2.1	2.5	3.3	2.6	2.5	2.2	
1965	2.3	3.0	2.2	2.2	1.3	2.0	2.0	1.2	1.4	2.5	1.8	1.4	
1966	3.3	3.2	2.7	1.8	2.0	3.1	2.4	1.3	1.9	1.8	1.7	1.8	
1967	2.3	2.3	2.2	2.1	1.8	2.0	2.1	2.0	2.3	1.8	2.1	2.8	
1968	2.4	1.6	3.1	1.3	1.3	2.3	1.5	1.1	0.9	2.3	2.6	2.6	
1969	2.1	2.5	2.9	2.4	2.1	2.0	1.3	1.6	1.5	2.3	3.8	2.8	
1970	2.3	3.3	2.3	2.4	2.7	1.6	2.0	2.4	1.3	3.2	2.0	2.7	
1971	2.4	2.5	3.6	2.7	2.4	1.2	1.9	2.1	1.4	2.3	2.7	2.7	
1972	2.4	2.8	2.5	2.1	3.0	3.0	2.2	1.5	1.6	2.0	2.8	2.9	
1973	3.1	3.4	3.0	2.6	2.1	1.6	0.6	1.7	1.6	2.0	3.0	3.5	
1974	2.0	2.6	1.8	2.4	2.3	0.8	0.6	0.6	1.1	1.5	2.2	2.5	
1975	2.4	2.6	2.4	1.6	1.2	1.8	1.4	0.8	2.2	2.1	1.6	3.1	

LARGEST HS(METRES) FOR STATION 115 = 3.8

STATION 116 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 50.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1877	2996	1656	704	554	1635		1				9423
0.50 - 0.99		593	3146	1712	278	708		1				6713
1.00 - 1.49			49	272	246	25						520
1.50 - 1.99					10							10
2.00 - 2.49												0
2.50 - 2.99												0
3.00 - 3.49												0
3.50 - 3.99												0
4.00 - 4.49												0
4.50 - 4.99												0
5.00 - GREATER												0
TOTAL	1877	3589	4851	2688	1388	2368		1	1	0	0	

AVERAGE HS(M) = 0.47 LARGEST HS(M) = 1.56 ANGLE CLASS % = 16.8

STATION 116 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 50.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	891	961	2597	550	816	947	347	17				3979
0.50 - 0.99		1153	367	1343	224	1413	328	13				6278
1.00 - 1.49				63	847	1190	304	30	1			4082
1.50 - 1.99					506	862	237	46	1			1713
2.00 - 2.49					66	275	119	66				523
2.50 - 2.99					1		41	37				87
3.00 - 3.49								6				6
3.50 - 3.99												0
4.00 - 4.49												0
4.50 - 4.99												0
5.00 - GREATER												0
TOTAL	891	2114	2964	1956	2460	4669	1376	215	5	0	0	

AVERAGE HS(M) = 0.91 LARGEST HS(M) = 3.30 ANGLE CLASS % = 16.7

STATION 116 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 50.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	518	434	1108	54	595	1264	407	17	51	8		3294
0.50 - 0.99		605	219	622	80	1043	386	12	68			3376
1.00 - 1.49				83	227	200	177	37	11			1348
1.50 - 1.99					58	189	10		1			510
2.00 - 2.49						237	47					342
2.50 - 2.99						44	90					157
3.00 - 3.49							10					40
3.50 - 3.99							1					2
4.00 - 4.49												0
4.50 - 4.99												0
5.00 - GREATER												0
TOTAL	518	1039	1327	759	1042	2977	1128	138	133	8	0	

AVERAGE HS(M) = 0.80 LARGEST HS(M) = 3.53 ANGLE CLASS % = 9.1

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.91 LARGEST HS(M) = 4.24 ANGLE CLASS % = 23.1

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 3.06 ANGLE CLASS % = 20.9

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.38 LARGEST HS(M) = 1.46 ANGLE CLASS % = 11.9

STATION 116 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 50.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)	TOTAL
	0.0-2.9 3.0-3.9 4.0-4.9 5.0-5.9 6.0-6.9 7.0-7.9 8.0-8.9 9.0-9.9 10.0-10.9 11.0-11.9 LONGER	
0.0-0.49	556	3556
0.50-0.99	725	3012
1.00-1.49	396	1573
1.50-1.99	1197	2577
2.00-2.49	128	1377
2.50-2.99	336	1377
3.00-3.49	488	1377
3.50-3.99	450	1377
4.00-4.49	29	1377
4.50-4.99	136	1377
5.00-5.49	22	1377
5.50-5.99	105	1377
6.00-6.49	8	1377
6.50-6.99	105	1377
7.00-7.49	8	1377
7.50-7.99	105	1377
8.00-8.49	8	1377
8.50-8.99	105	1377
9.00-9.49	8	1377
9.50-9.99	105	1377
10.00-10.49	8	1377
10.50-10.99	105	1377
11.00-11.49	8	1377
11.50-11.99	105	1377
12.00-12.49	8	1377
12.50-12.99	105	1377
13.00-13.49	8	1377
13.50-13.99	105	1377
14.00-14.49	8	1377
14.50-14.99	105	1377
15.00-15.49	8	1377
15.50-15.99	105	1377
16.00-16.49	8	1377
16.50-16.99	105	1377
17.00-17.49	8	1377
17.50-17.99	105	1377
18.00-18.49	8	1377
18.50-18.99	105	1377
19.00-19.49	8	1377
19.50-19.99	105	1377
20.00-20.49	8	1377
20.50-20.99	105	1377
21.00-21.49	8	1377
21.50-21.99	105	1377
22.00-22.49	8	1377
22.50-22.99	105	1377
23.00-23.49	8	1377
23.50-23.99	105	1377
24.00-24.49	8	1377
24.50-24.99	105	1377
25.00-25.49	8	1377
25.50-25.99	105	1377
26.00-26.49	8	1377
26.50-26.99	105	1377
27.00-27.49	8	1377
27.50-27.99	105	1377
28.00-28.49	8	1377
28.50-28.99	105	1377
29.00-29.49	8	1377
29.50-29.99	105	1377
30.00-30.49	8	1377
30.50-30.99	105	1377
31.00-31.49	8	1377
31.50-31.99	105	1377
32.00-32.49	8	1377
32.50-32.99	105	1377
33.00-33.49	8	1377
33.50-33.99	105	1377
34.00-34.49	8	1377
34.50-34.99	105	1377
35.00-35.49	8	1377
35.50-35.99	105	1377
36.00-36.49	8	1377
36.50-36.99	105	1377
37.00-37.49	8	1377
37.50-37.99	105	1377
38.00-38.49	8	1377
38.50-38.99	105	1377
39.00-39.49	8	1377
39.50-39.99	105	1377
40.00-40.49	8	1377
40.50-40.99	105	1377
41.00-41.49	8	1377
41.50-41.99	105	1377
42.00-42.49	8	1377
42.50-42.99	105	1377
43.00-43.49	8	1377
43.50-43.99	105	1377
44.00-44.49	8	1377
44.50-44.99	105	1377
45.00-45.49	8	1377
45.50-45.99	105	1377
46.00-46.49	8	1377
46.50-46.99	105	1377
47.00-47.49	8	1377
47.50-47.99	105	1377
48.00-48.49	8	1377
48.50-48.99	105	1377
49.00-49.49	8	1377
49.50-49.99	105	1377
50.00-50.49	8	1377
50.50-50.99	105	1377
51.00-51.49	8	1377
51.50-51.99	105	1377
52.00-52.49	8	1377
52.50-52.99	105	1377
53.00-53.49	8	1377
53.50-53.99	105	1377
54.00-54.49	8	1377
54.50-54.99	105	1377
55.00-55.49	8	1377
55.50-55.99	105	1377
56.00-56.49	8	1377
56.50-56.99	105	1377
57.00-57.49	8	1377
57.50-57.99	105	1377
58.00-58.49	8	1377
58.50-58.99	105	1377
59.00-59.49	8	1377
59.50-59.99	105	1377
60.00-60.49	8	1377
60.50-60.99	105	1377
61.00-61.49	8	1377
61.50-61.99	105	1377
62.00-62.49	8	1377
62.50-62.99	105	1377
63.00-63.49	8	1377
63.50-63.99	105	1377
64.00-64.49	8	1377
64.50-64.99	105	1377
65.00-65.49	8	1377
65.50-65.99	105	1377
66.00-66.49	8	1377
66.50-66.99	105	1377
67.00-67.49	8	1377
67.50-67.99	105	1377
68.00-68.49	8	1377
68.50-68.99	105	1377
69.00-69.49	8	1377
69.50-69.99	105	1377
70.00-70.49	8	1377
70.50-70.99	105	1377
71.00-71.49	8	1377
71.50-71.99	105	1377
72.00-72.49	8	1377
72.50-72.99	105	1377
73.00-73.49	8	1377
73.50-73.99	105	1377
74.00-74.49	8	1377
74.50-74.99	105	1377
75.00-75.49	8	1377
75.50-75.99	105	1377
76.00-76.49	8	1377
76.50-76.99	105	1377
77.00-77.49	8	1377
77.50-77.99	105	1377
78.00-78.49	8	1377
78.50-78.99	105	1377
79.00-79.49	8	1377
79.50-79.99	105	1377
80.00-80.49	8	1377
80.50-80.99	105	1377
81.00-81.49	8	1377
81.50-81.99	105	1377
82.00-82.49	8	1377
82.50-82.99	105	1377
83.00-83.49	8	1377
83.50-83.99	105	1377
84.00-84.49	8	1377
84.50-84.99	105	1377
85.00-85.49	8	1377
85.50-85.99	105	1377
86.00-86.49	8	1377
86.50-86.99	105	1377
87.00-87.49	8	1377
87.50-87.99	105	1377
88.00-88.49	8	1377
88.50-88.99	105	1377
89.00-89.49	8	1377
89.50-89.99	105	1377
90.00-90.49	8	1377
90.50-90.99	105	1377
91.00-91.49	8	1377
91.50-91.99	105	1377
92.00-92.49	8	1377
92.50-92.99	105	1377
93.00-93.49	8	1377
93.50-93.99	105	1377
94.00-94.49	8	1377
94.50-94.99	105	1377
95.00-95.49	8	1377
95.50-95.99	105	1377
96.00-96.49	8	1377
96.50-96.99	105	1377
97.00-97.49	8	1377
97.50-97.99	105	1377
98.00-98.49	8	1377
98.50-98.99	105	1377
99.00-99.49	8	1377
99.50-99.99	105	1377
100.00-100.49	8	1377
100.50-100.99	105	1377
101.00-101.49	8	1377
101.50-101.99	105	1377
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103.00-103.49	8	1377
103.50-103.99	105	1377
104.00-104.49	8	1377
104.50-104.99	105	1377
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105.50-105.99	105	1377
106.00-106.49	8	1377
106.50-106.99	105	1377
107.00-107.49	8	1377
107.50-107.99	105	1377
108.00-108.49	8	1377
108.50-108.99	105	1377
109.00-109.49	8	1377
109.50-109.99	105	1377
110.00-110.49	8	1377
110.50-110.99	105	1377
111.00-111.49	8	1377
111.50-111.99	105	1377
112.00-112.49	8	1377
112.50-112.99	105	1377
113.00-113.49	8	1377
113.50-113.99	105	1377
114.00-114.49	8	1377
114.50-114.99	105	1377
115.00-115.49	8	1377
115.50-115.99	105	1377
116.00-116.49	8	1377
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121.50-121.99	105	1377
122.00-122.49	8	1377
122.50-122.99	105	1377
123.00-123.49	8	1377
123.50-123.99	105	1377
124.00-124.49	8	1377
124.50-124.99	105	1377
125.00-125.49	8	1377
125.50-125.99	105	1377
126.00-126.49	8	1377
126.50-126.99	105	1377
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127.50-127.99	105	1377
128.00-128.49	8	1377
128.50-128.99	105	1377
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129.50-129.99	105	1377
130.00-130.49	8	1377
130.50-130.99	105	1377
131.00-131.49	8	1377
131.50-131.99	105	1377
132.00-132.49	8	1377
132.50-132.99	105	1377
133.00-133.49	8	1377
133.50-133.99	105	1377
134.00-134.49	8	1377
134.50-134.99	105	1377
135.00-135.49	8	1377
135.50-135.99	105	1377
136.00-136.49	8	1377
136.50-136.99	105	1377
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137.50-137.99	105	1377
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139.50-139.99	105	1377
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140.50-140.99	105	1377
141.00-141.49	8	1377
141.50-141.99	105	1377
142.00-142.49	8	1377
142.50-142.99	105	1377
143.00-143.49	8	1377
143.50-143.99	105	1377
144.00-144.49	8	1377
144.50-144.99	105	1377
145.00-145.49	8	1377
145.50-145.99	105	1377
146.00-146.49	8	1377
146.50-146.99	105	1377
147.00-147.49	8	1377
147.50-147.99	105	1377
148.00-148.49	8	1377
148.50-148.99	105	1377
149.00-149.49	8	1377
149.50-149.99	105	1377
150.00-150.49	8	1377
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151.00-151.49	8	1377
151.50-151.99	105	1377
152.00-152.49	8	1377
152.50-152.99	105	1377
153.00-153.49	8	1377
153.50-153.99	105	1377
154.00-154.49	8	1377
154.50-154.99	105	1377
155.00-155.49	8	1377
155.50-155.99	105	1377
156.00-156.49	8	1377
156.50-156.99</		

MEAN HS(METRES) BY MONTH AND YEAR

STATION 116

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	1.2	0.6	0.8	0.7	0.7	0.6	0.3	0.6	0.9	0.6	0.5	0.7
1957	0.7	0.9	0.7	0.9	0.5	0.6	0.6	0.8	0.9	0.9	1.1	0.8	0.8
1958	0.7	0.5	0.8	0.9	0.8	0.8	0.7	0.6	0.6	1.2	0.7	0.8	0.8
1959	0.6	1.1	0.9	0.8	0.8	0.6	1.0	0.5	0.9	1.8	1.1	0.8	0.9
1960	0.6	0.9	0.8	0.8	0.7	0.6	0.7	0.6	0.8	0.6	0.6	0.5	0.7
1961	0.7	0.9	1.1	0.8	1.0	1.0	0.8	0.9	0.6	0.7	0.6	0.8	0.8
1962	1.0	0.9	0.9	0.9	0.4	0.8	0.6	0.6	0.6	0.7	0.9	1.1	0.8
1963	0.9	1.2	0.9	0.7	0.7	0.8	0.6	0.6	0.9	1.3	1.2	1.0	0.9
1964	0.6	0.6	0.8	0.9	0.6	0.6	0.8	0.7	1.0	1.0	0.8	1.1	0.8
1965	0.5	1.0	0.7	0.8	0.4	0.7	0.7	0.6	0.8	1.0	0.7	0.4	0.7
1966	0.7	1.0	0.7	0.7	1.0	0.7	0.8	0.6	0.8	0.6	0.7	0.6	0.7
1967	0.6	0.6	0.7	0.7	0.7	1.0	0.9	0.8	0.8	0.6	0.5	0.6	0.7
1968	0.8	0.5	0.5	0.2	0.4	1.0	0.7	0.7	0.6	1.0	0.6	0.4	0.6
1969	0.7	0.6	0.6	0.8	1.0	0.8	0.6	0.8	0.7	0.9	2.0	1.1	0.9
1970	0.7	0.7	1.0	0.7	0.7	0.7	0.6	0.8	0.5	1.3	0.5	0.5	0.7
1971	0.7	0.9	0.6	0.7	0.8	0.5	0.6	0.6	0.8	1.0	0.8	1.5	0.8
1972	0.8	0.7	0.7	0.8	1.2	1.2	1.2	0.7	0.4	0.9	0.8	0.8	0.9
1973	1.0	0.7	0.9	0.8	0.8	0.7	0.2	0.2	0.3	0.5	0.6	0.9	0.6
1974	0.6	0.6	0.6	0.8	0.4	0.3	0.2	0.2	0.3	0.9	0.5	0.5	0.5
1975	0.7	1.5	0.8	0.3	0.2	0.3	0.4	0.1	0.6	0.6	0.5	0.5	0.5
MEAN	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.9	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 116

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.5	2.6	1.8	2.5	2.1	1.3	1.2	1.0	2.7	3.2	1.6	1.7	
1957	2.1	3.2	2.0	2.7	1.5	2.4	1.9	1.8	2.1	1.8	2.4	2.1	
1958	3.1	2.3	2.6	2.5	2.3	1.6	1.3	1.7	2.1	2.3	1.7	3.0	
1959	2.5	2.5	2.8	2.1	2.0	1.6	3.3	1.3	3.4	3.1	2.2	2.3	
1960	2.5	2.9	2.6	2.3	1.9	1.9	2.9	1.2	3.3	1.7	2.1	2.1	
1961	3.2	2.8	2.8	2.9	2.1	2.2	1.5	2.1	2.0	1.9	2.3	2.3	
1962	2.5	2.1	2.4	2.7	1.3	1.8	1.4	2.6	2.1	2.0	4.2	3.0	
1963	2.0	2.6	2.2	2.3	2.0	1.5	1.1	1.3	2.6	3.3	2.7	2.5	
1964	2.5	2.7	2.2	2.3	2.1	2.3	2.0	2.5	3.2	2.9	2.5	2.1	
1965	2.3	2.9	2.2	2.4	1.3	2.0	1.9	1.2	1.8	2.5	1.7	1.4	
1966	3.3	3.0	2.6	1.7	2.0	2.8	2.4	1.3	2.1	1.6	2.1	1.7	
1967	2.2	2.3	2.1	2.0	2.1	2.0	2.0	2.0	2.3	1.6	1.9	2.7	
1968	2.6	1.5	2.9	1.3	1.3	2.5	1.5	1.2	1.0	2.3	2.5	2.4	
1969	2.1	2.9	2.9	2.2	2.1	2.0	1.3	1.7	1.6	2.6	4.0	2.7	
1970	2.4	3.1	2.2	2.4	2.7	1.5	1.9	2.4	1.3	3.2	2.5	2.5	
1971	2.2	2.3	3.5	2.6	2.3	1.0	1.8	2.1	1.5	2.8	2.7	3.0	
1972	2.2	2.7	2.2	2.0	3.3	2.8	2.5	1.4	1.3	1.9	2.6	2.7	
1973	3.0	3.2	2.7	2.3	2.1	1.6	0.6	1.5	1.9	1.7	2.6	3.3	
1974	1.9	2.5	1.6	2.3	2.2	0.7	0.6	0.6	1.5	1.9	2.3	2.5	
1975	2.3	3.1	2.4	1.3	1.1	1.7	1.3	0.8	2.3	2.0	1.9	2.9	

LARGEST HS(METRES) FOR STATION 116 = 4.2

STATION 117 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
SHORELINE ANGLE = 53.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

AVERAGE HS(M) = 0.47 LARGEST HS(M) = 1.91 ANGLE CLASS % = 16.0

STATION 117 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
SHORELINE ANGLE = 53.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	905	1187	.	.	1079	688	302	18	.	.	4379
0.50 - 0.99	.	1238	.	.	265	1425	342	11	.	.	6631
1.00 - 1.49	.	.	2753	597	358	1161	385	23	1	.	4280
1.50 - 1.99	.	.	352	1500	561	1161	241	49	.	.	4280
2.00 - 2.49	.	.	.	80	561	684	138	66	1	.	1815
2.50 - 2.99	68	296	138	32	.	.	569
3.00 - 3.49	1	10	29	6	1	.	72
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	905	2425	3105	2177	2932	4664	1337	205	3	0	

AVERAGE HS(M) = 0.90 LARGEST HS(M) = 3.30 ANGLE CLASS % = 17.8

STATION 117 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
SHORELINE ANGLE = 53.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

AVERAGE HS(M) = 0.82 LARGEST HS(M) = 3.53 ANGLE CLASS % = 9.0

STATION 117 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

STATION 117 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	
0.0-0.9	662	665	22		742	1741	1098	254	181	46	5411
1.0-1.9		648	211	639	465	1187	1563	196	107	68	6984
2.0-2.9			251	1163	734	1389	674	140	49		6401
3.0-3.9				39	301	853	350	82	11	1	1637
4.0-4.9					25	155	188	95	13		476
5.0-5.9							23	35	1	3	65
6.0-6.9								3			0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0-10.9											0
11.0-11.9											0
12.0-12.9											0
13.0-13.9											0
14.0-14.9											0
15.0-15.9											0
16.0-16.9											0
17.0-17.9											0
18.0-18.9											0
19.0-19.9											0
20.0-20.9											0
21.0-21.9											0
22.0-22.9											0
23.0-23.9											0
24.0-24.9											0
25.0-25.9											0
26.0-26.9											0
27.0-27.9											0
28.0-28.9											0
29.0-29.9											0
30.0-30.9											0
31.0-31.9											0
32.0-32.9											0
33.0-33.9											0
34.0-34.9											0
35.0-35.9											0
36.0-36.9											0
37.0-37.9											0
38.0-38.9											0
39.0-39.9											0
40.0-40.9											0
41.0-41.9											0
42.0-42.9											0
43.0-43.9											0
44.0-44.9											0
45.0-45.9											0
46.0-46.9											0
47.0-47.9											

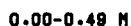
STATION 117 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
SHORELINE ANGLE = 53.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL		
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER		
0.0	-	946	1644	1741	2780	759	18	.	.	.	.	.	7888
0.1	-	.	165	1512	1795	359	8	.	.	.	.	.	3639
0.2	-	.	.	15	100	58	1	.	.	.	.	.	174
0.3	-	.	.	.	.	.	.	.	.	.	.	.	0
0.4	-	.	.	.	.	.	.	.	.	.	.	.	0
0.5	-	.	.	.	.	.	.	.	.	.	.	.	0
0.6	-	.	.	.	.	.	.	.	.	.	.	.	0
0.7	-	.	.	.	.	.	.	.	.	.	.	.	0
0.8	-	.	.	.	.	.	.	.	.	.	.	.	0
0.9	-	.	.	.	.	.	.	.	.	.	.	.	0
1.0	-	.	.	.	.	.	.	.	.	.	.	.	0
1.1	-	.	.	.	.	.	.	.	.	.	.	.	0
1.2	-	.	.	.	.	.	.	.	.	.	.	.	0
1.3	-	.	.	.	.	.	.	.	.	.	.	.	0
1.4	-	.	.	.	.	.	.	.	.	.	.	.	0
1.5	-	.	.	.	.	.	.	.	.	.	.	.	0
1.6	-	.	.	.	.	.	.	.	.	.	.	.	0
1.7	-	.	.	.	.	.	.	.	.	.	.	.	0
1.8	-	.	.	.	.	.	.	.	.	.	.	.	0
1.9	-	.	.	.	.	.	.	.	.	.	.	.	0
2.0	-	.	.	.	.	.	.	.	.	.	.	.	0
2.1	-	.	.	.	.	.	.	.	.	.	.	.	0
2.2	-	.	.	.	.	.	.	.	.	.	.	.	0
2.3	-	.	.	.	.	.	.	.	.	.	.	.	0
2.4	-	.	.	.	.	.	.	.	.	.	.	.	0
2.5	-	.	.	.	.	.	.	.	.	.	.	.	0
2.6	-	.	.	.	.	.	.	.	.	.	.	.	0
2.7	-	.	.	.	.	.	.	.	.	.	.	.	0
2.8	-	.	.	.	.	.	.	.	.	.	.	.	0
2.9	-	.	.	.	.	.	.	.	.	.	.	.	0
3.0	-	.	.	.	.	.	.	.	.	.	.	.	0
3.1	-	.	.	.	.	.	.	.	.	.	.	.	0
3.2	-	.	.	.	.	.	.	.	.	.	.	.	0
3.3	-	.	.	.	.	.	.	.	.	.	.	.	0
3.4	-	.	.	.	.	.	.	.	.	.	.	.	0
3.5	-	.	.	.	.	.	.	.	.	.	.	.	0
3.6	-	.	.	.	.	.	.	.	.	.	.	.	0
3.7	-	.	.	.	.	.	.	.	.	.	.	.	0
3.8	-	.	.	.	.	.	.	.	.	.	.	.	0
3.9	-	.	.	.	.	.	.	.	.	.	.	.	0
4.0	-	.	.	.	.	.	.	.	.	.	.	.	0
4.1	-	.	.	.	.	.	.	.	.	.	.	.	0
4.2	-	.	.	.	.	.	.	.	.	.	.	.	0
4.3	-	.	.	.	.	.	.	.	.	.	.	.	0
4.4	-	.	.	.	.	.	.	.	.	.	.	.	0
4.5	-	.												

TOTAL

0.00	-	0.49
0.50	-	0.99
1.00	-	1.49
1.50	-	1.99
2.00	-	2.49
2.50	-	2.99
3.00	-	3.49
3.50	-	3.99
4.00	-	4.49
4.50	-	4.99
5.00	-	5.49
TOTAL		GREATER

AVE HS(M) = 0.73 LARGEST HS(M) = 3.92 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 117

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	1.2	0.6	0.8	0.7	0.7	0.6	0.3	0.6	0.9	0.6	0.6	0.7
1957	0.7	0.9	0.7	0.9	0.5	0.6	0.6	0.8	0.9	0.9	1.1	0.8	0.8
1958	0.7	0.5	0.8	0.9	0.7	0.8	0.7	0.6	0.6	1.2	0.7	0.8	0.8
1959	0.6	1.1	0.9	0.8	0.8	0.6	1.0	0.6	0.9	1.8	1.1	0.8	0.9
1960	0.6	0.9	0.8	0.8	0.7	0.6	0.7	0.6	0.8	0.6	0.6	0.5	0.7
1961	0.7	0.9	1.1	0.8	1.0	1.0	0.8	0.9	0.6	0.7	0.6	0.8	0.8
1962	1.0	0.9	0.9	0.9	0.4	0.8	0.6	0.6	0.6	0.6	0.9	1.1	0.8
1963	0.9	1.2	0.9	0.7	0.7	0.8	0.6	0.6	0.9	1.3	1.2	1.0	0.9
1964	0.7	0.6	0.8	0.9	0.6	0.6	0.8	0.7	1.0	1.0	0.8	1.1	0.8
1965	0.5	1.0	0.7	0.8	0.4	0.7	0.7	0.6	0.8	1.0	0.7	0.4	0.7
1966	0.7	1.0	0.7	0.7	0.9	0.7	0.8	0.6	0.8	0.6	0.6	0.5	0.7
1967	0.6	0.6	0.7	0.7	0.7	1.0	0.9	0.8	0.8	0.6	0.5	0.6	0.7
1968	0.8	0.5	0.5	0.2	0.4	1.0	0.7	0.7	0.6	0.9	0.6	0.4	0.6
1969	0.7	0.6	0.6	0.8	1.0	0.8	0.6	0.7	0.7	0.8	1.9	1.1	0.9
1970	0.7	0.7	1.0	0.8	0.7	0.7	0.7	0.9	0.5	1.2	0.5	0.5	0.7
1971	0.7	0.9	0.6	0.7	0.8	0.5	0.6	0.6	0.8	1.0	0.8	1.0	0.8
1972	0.8	0.7	0.7	0.8	1.2	1.3	1.2	0.7	0.4	0.9	0.8	0.8	0.9
1973	1.0	0.7	0.9	0.8	0.8	0.7	0.2	0.2	0.3	0.5	0.6	0.9	0.6
1974	0.6	0.6	0.6	0.8	0.4	0.3	0.2	0.2	0.3	0.9	0.5	0.5	0.5
1975	0.7	1.4	0.8	0.3	0.2	0.3	0.4	0.1	0.6	0.6	0.4	0.5	0.5
MEAN	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.9	0.8	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 117

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.5	2.5	1.9	2.7	2.1	1.3	1.2	1.0	2.8	3.3	1.6	1.7	
1957	2.1	3.2	2.1	2.8	1.5	2.4	1.9	1.7	2.1	1.7	2.4	2.1	
1958	3.1	2.3	2.6	2.5	2.2	1.6	1.3	1.8	2.1	2.3	1.7	3.0	
1959	2.5	2.5	3.0	2.1	2.0	1.6	3.3	1.4	3.4	3.1	2.2	2.3	
1960	2.5	2.9	2.6	2.4	1.8	1.9	2.9	1.2	3.3	1.7	2.0	2.1	
1961	3.2	2.6	2.8	2.9	2.1	2.2	1.5	2.1	2.1	1.9	2.3	2.4	
1962	2.5	2.2	2.4	2.7	1.3	1.8	1.4	2.6	2.1	1.9	3.8	2.6	
1963	2.0	2.6	2.2	2.3	2.0	1.5	1.2	1.3	2.6	3.3	2.7	2.5	
1964	2.5	2.7	2.2	2.3	2.1	2.3	2.0	2.5	3.3	2.9	2.5	2.1	
1965	2.3	3.0	2.2	2.3	1.3	2.0	1.9	1.2	1.8	2.5	1.7	1.4	
1966	3.3	3.1	2.6	1.7	2.0	2.9	2.4	1.3	2.0	1.6	2.1	1.7	
1967	2.2	2.3	2.1	2.0	2.1	2.0	2.0	2.0	2.3	1.6	1.9	2.7	
1968	2.6	1.5	2.9	1.3	1.3	2.5	1.5	1.2	1.0	2.3	2.5	2.4	
1969	2.1	2.7	2.9	2.3	2.1	2.0	1.3	1.5	1.6	2.6	3.9	2.7	
1970	2.4	3.1	2.2	2.4	2.7	1.5	2.0	2.4	1.3	3.2	2.3	2.6	
1971	2.3	2.3	3.5	2.6	2.3	1.1	1.8	2.1	1.4	2.6	2.7	3.0	
1972	2.2	2.7	2.4	2.0	3.1	2.8	2.3	1.4	1.5	1.9	2.6	2.8	
1973	3.0	3.2	2.9	2.3	2.1	1.6	0.6	1.6	1.7	1.8	2.8	3.3	
1974	1.9	2.5	1.7	2.3	2.2	0.8	0.6	0.6	1.3	1.9	2.3	2.5	
1975	2.3	3.1	2.4	1.5	1.1	1.7	1.3	0.8	2.2	2.1	1.8	2.9	

LARGEST HS(METRES) FOR STATION 117 = 3.9

STATION 118 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 45.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2357	4048	2226	828	761	1668	17	.	.	.	11905
0.50-0.99	.	527	2912	1652	720	539	.	.	.	.	6350
1.00-1.49	.	.	34	217	177	34	.	.	.	.	462
1.50-1.99	13	.	.	.	.	.	13
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2357	4575	5172	2697	1671	2241	17	0	0	0	

AVERAGE HS(M) = 0.43 LARGEST HS(M) = 1.80 ANGLE CLASS % = 18.7

STATION 118 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 45.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1237	1377	2328	484	682	906	106	1	.	.	4309
0.50-0.99	.	1113	263	1036	198	1007	100	.	.	.	3230
1.00-1.49	.	.	.	71	612	882	189	.	.	.	2582
1.50-1.99	446	723	184	17	.	.	1441
2.00-2.49	71	222	99	41	.	.	433
2.50-2.99	5	27	30	.	.	62
3.00-3.49	1	.	.	1
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1237	2490	2591	1591	2009	3745	705	90	0	0	

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 3.09 ANGLE CLASS % = 14.5

STATION 118 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 45.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	663	540	1064	526	506	639	354	15	3	1	2711
0.50-0.99	.	645	181	539	173	350	507	10	1	.	1350
1.00-1.49	153	157	594	1	.	.	1009
1.50-1.99	49	108	68	1	.	.	433
2.00-2.49	29	85	18	.	.	135
2.50-2.99	24
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	663	1185	1245	632	893	1907	708	64	15	2	

AVERAGE HS(M) = 0.80 LARGEST HS(M) = 3.37 ANGLE CLASS % = 7.3

STATION 118 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 45.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	805	759	1546	77	1018	1382	2481	687	545	542		8219
0.5 - 0.99	.	797	273	797	164	2563	4437	1211	845	1273		12915
1.0 - 1.49	.	.	.	104	94	716	922	331	665	592		4390
1.5 - 1.99	308	325	156	73	275	253		1497
2.0 - 2.49	59	408	179	225	20	64		785
2.5 - 2.99	18	11	22	1	13		234
3.0 - 3.49	8	.	1		10
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - GREATER		0
TOTAL	805	1556	1821	978	1643	5412	8315	2399	2361	2813		1

AVERAGE HS(M) = 0.79 LARGEST HS(M) = 5.31 ANGLE CLASS % = 28.1

STATION 118 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 45.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	790	1038	2265	1052	918	1889	764	200	131	.		5735
0.5 - 0.99	.	706	270	1714	180	1473	532	400	23	.		6561
1.0 - 1.49	.	.	.	71	335	840	212	111	1	.		1519
1.5 - 1.99	46	222	41	5	.	.		480
2.0 - 2.49		50
2.5 - 2.99		0
3.0 - 3.49		0
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - GREATER		0
TOTAL	790	1744	2540	2837	1964	5179	2330	294	160	0		0

AVERAGE HS(M) = 0.82 LARGEST HS(M) = 2.93 ANGLE CLASS % = 17.9

STATION 118 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 45.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1018	1907	1676	1937	554	56	.	.	.	.		7148
0.5 - 0.99	.	131	1464	2368	159	.	.	.	.	.		4122
1.0 - 1.49	.	.	17	299	17	.	.	.	.	.		333
1.5 - 1.99		0
2.0 - 2.49		0
2.5 - 2.99		0
3.0 - 3.49		0
3.5 - 3.99		0
4.0 - 4.49		0
4.5 - 4.99		0
5.0 - GREATER		0
TOTAL	1018	2038	3157	4604	730	56	0	0	0	0		0

AVERAGE HS(M) = 0.42 LARGEST HS(M) = 1.46 ANGLE CLASS % = 11.6

STATION 118 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 45.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	TOTAL
0.0-0.49	687	967	390	276	444	654	722	89	68	54	4001
0.50-0.99	..	392	1138	496	154	610	719	126	88	127	3739
1.00-1.49	104	28	14	280	154	100	27	29	1307
1.50-1.99	2	105	104	6	2	4	491
2.00-2.49	1	200
2.50-2.99	47
3.00-3.49	6
3.50-3.99	6
4.00-4.49	6
4.50-4.99	6
5.00-5.49	6
5.50-5.99	6
6.00-6.49	6
6.50-6.99	6
7.00-7.49	6
7.50-7.99	6
8.00-8.49	6
8.50-8.99	6
9.00-9.49	6
9.50-9.99	6
10.00-10.49	6
10.50-10.99	6
11.00-11.49	6
11.50-11.99	6
12.00-12.49	6
12.50-12.99	6
13.00-13.49	6
13.50-13.99	6
14.00-14.49	6
14.50-14.99	6
15.00-15.49	6
15.50-15.99	6
16.00-16.49	6
16.50-16.99	6
17.00-17.49	6
17.50-17.99	6
18.00-18.49	6
18.50-18.99	6
19.00-19.49	6
19.50-19.99	6
20.00-20.49	6
20.50-20.99	6
21.00-21.49	6
21.50-21.99	6
22.00-22.49	6
22.50-22.99	6
23.00-23.49	6
23.50-23.99	6
24.00-24.49	6
24.50-24.99	6
25.00-25.49	6
25.50-25.99	6
26.00-26.49	6
26.50-26.99	6
27.00-27.49	6
27.50-27.99	6
28.00-28.49	6
28.50-28.99	6
29.00-29.49	6
29.50-29.99	6
30.00-30.49	6
30.50-30.99	6
31.00-31.49	6
31.50-31.99	6
32.00-32.49	6
32.50-32.99	6
33.00-33.49	6
33.50-33.99	6
34.00-34.49	6
34.50-34.99	6
35.00-35.49	6
35.50-35.99	6
36.00-36.49	6
36.50-36.99	6
37.00-37.49	6
37.50-37.99	6
38.00-38.49	6
38.50-38.99	6
39.00-39.49	6
39.50-39.99	6
40.00-40.49	6
40.50-40.99	6
41.00-41.49	6
41.50-41.99	6
42.00-42.49	6
42.50-42.99	6
43.00-43.49	6
43.50-43.99	6
44.00-44.49	6
44.50-44.99	6
45.00-45.49	6
45.50-45.99	6
46.00-46.49	6
46.50-46.99	6
47.00-47.49	6
47.50-47.99	6
48.00-48.49	6
48.50-48.99	6
49.00-49.49	6
49.50-49.99	6
50.00-50.49	6
50.50-50.99	6
51.00-51.49	6
51.50-51.99	6
52.00-52.49	6
52.50-52.99	6
53.00-53.49	6
53.50-53.99	6
54.00-54.49	6
54.50-54.99	6
55.00-55.49	6
55.50-55.99	6
56.00-56.49	6
56.50-56.99	6
57.00-57.49	6
57.50-57.99	6
58.00-58.49	6
58.50-58.99	6
59.00-59.49	6
59.50-59.99	6
60.00-60.49	6
60.50-60.99	6
61.00-61.49	6
61.50-61.99	6
62.00-62.49	6
62.50-62.99	6
63.00-63.49	6
63.50-63.99	6
64.00-64.49	6
64.50-64.99	6
65.00-65.49	6
65.50-65.99	6
66.00-66.49	6
66.50-66.99	6
67.00-67.49	6
67.50-67.99	6
68.00-68.49	6
68.50-68.99							

MEAN HS(METRES) BY MONTH AND YEAR

STATION 118

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	1.1	0.5	0.7	0.6	0.7	0.5	0.3	0.5	0.9	0.6	0.5	0.6
1957	0.7	0.9	0.6	0.9	0.5	0.6	0.5	0.7	0.8	0.9	1.1	0.7	0.7
1958	0.6	0.5	0.7	0.9	0.7	0.7	0.6	0.5	0.6	1.1	0.7	0.8	0.7
1959	0.6	1.1	0.9	0.8	0.7	0.6	0.9	0.5	1.0	1.6	1.1	0.8	0.9
1960	0.6	0.9	0.9	0.7	0.6	0.6	0.6	0.5	0.9	0.7	0.7	0.5	0.7
1961	0.6	0.9	1.0	0.7	0.9	0.9	0.7	0.8	0.6	0.7	0.6	0.8	0.8
1962	0.8	0.8	0.9	0.8	0.4	0.7	0.5	0.6	0.6	0.6	0.9	1.0	0.7
1963	0.7	1.1	0.9	0.7	0.7	0.7	0.4	0.3	0.9	1.2	1.0	0.9	0.8
1964	0.6	0.5	0.8	0.9	0.5	0.6	0.7	0.7	1.0	1.0	0.8	1.0	0.8
1965	0.5	0.9	0.7	0.8	0.4	0.6	0.6	0.5	0.9	0.9	0.7	0.4	0.7
1966	0.6	1.0	0.6	0.7	0.9	0.6	0.9	0.6	0.7	0.6	0.7	0.6	0.7
1967	0.6	0.6	0.7	0.7	0.6	0.9	0.7	0.6	0.8	0.6	0.4	0.6	0.6
1968	0.8	0.4	0.4	0.2	0.3	0.9	0.7	0.6	0.6	0.9	0.6	0.4	0.6
1969	0.7	0.6	0.5	0.7	0.9	0.8	0.5	0.7	0.7	0.9	1.7	0.9	0.8
1970	0.6	0.6	0.9	0.7	0.6	0.6	0.5	0.6	0.4	1.2	0.4	0.5	0.6
1971	0.6	0.8	0.6	0.6	0.6	0.4	0.5	0.6	0.8	0.9	0.8	1.4	0.7
1972	0.8	0.7	0.7	0.7	1.2	1.0	1.0	0.6	0.4	1.0	0.8	0.8	0.8
1973	1.0	0.7	0.8	0.7	0.7	0.6	0.2	0.2	0.3	0.5	0.5	0.9	0.6
1974	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.3	1.0	0.5	0.5	0.4
1975	0.7	1.3	0.7	0.3	0.2	0.3	0.3	0.1	0.6	0.6	0.5	0.5	0.5
MEAN	0.6	0.8	0.7	0.7	0.6	0.7	0.6	0.5	0.7	0.9	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 118

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.3	2.7	1.8	2.5	2.1	1.1	1.1	1.0	2.8	2.8	2.0	1.8
1957	2.1	3.0	2.0	2.7	1.4	2.4	1.5	1.7	2.3	1.8	2.4	2.1
1958	2.9	2.4	2.4	2.6	2.3	1.8	1.1	1.5	1.8	2.1	1.5	2.9
1959	2.6	2.5	2.7	2.1	1.9	1.8	3.1	1.3	3.7	3.0	2.1	2.5
1960	2.4	2.8	2.6	2.3	1.5	1.8	2.7	1.1	3.4	1.4	2.0	2.2
1961	3.4	2.6	2.8	2.8	2.1	2.2	1.3	2.0	1.6	2.0	2.2	2.2
1962	2.5	2.1	2.6	2.4	1.2	1.7	1.3	2.6	2.3	2.1	3.2	2.3
1963	1.9	2.6	2.3	2.3	2.0	1.5	1.0	1.3	3.2	3.2	2.5	2.8
1964	2.5	2.2	2.0	2.3	2.0	2.2	1.7	2.5	3.7	2.7	2.4	2.1
1965	2.3	3.0	1.9	2.3	1.3	1.8	1.5	1.3	2.1	3.2	1.4	1.3
1966	3.3	3.0	2.5	2.0	2.1	2.7	2.2	1.3	1.9	1.5	2.5	1.8
1967	1.9	1.7	1.9	2.2	2.1	2.1	2.0	2.1	2.1	1.5	2.0	2.6
1968	2.7	1.6	2.7	1.1	1.2	2.5	1.5	1.1	1.0	2.4	2.1	2.4
1969	1.9	2.8	2.7	2.0	2.0	2.1	1.0	1.5	1.9	2.7	5.3	2.6
1970	2.4	3.1	2.1	2.4	2.5	1.4	1.6	1.9	1.2	3.2	2.1	2.4
1971	2.0	2.3	3.3	2.4	2.1	1.1	1.8	1.7	1.4	2.6	2.2	3.0
1972	2.2	2.6	2.3	2.0	3.2	2.9	2.4	1.2	1.3	2.4	2.5	2.6
1973	2.8	3.1	2.6	2.2	2.0	1.6	0.7	1.1	1.9	1.8	2.5	3.0
1974	1.9	2.5	1.4	2.0	2.2	0.8	0.6	0.6	1.4	2.2	2.3	2.5
1975	2.3	2.8	2.4	1.5	0.9	1.6	1.1	0.7	2.4	2.0	1.9	2.8

LARGEST HS(METRES) FOR STATION 118 = 5.3

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00	- 0.49	2477	3886	754	188	723	740	39				8807
0.50	- 0.99		1101	4709	2000	636	1143	49	1	.	.	9639
1.00	- 1.49	.	.	179	1226	918	785	27		.	.	3135
1.50	- 1.99	.	.	.	37	378	564	73		.	.	1052
2.00	- 2.49	.	.	.	.	68	203	90	8	.	.	369
2.50	- 2.99	.	.	.	.	.	11	10	10	.	.	31
3.00	- 3.49	.	.	.	.	.	.	.	3	.	.	3
3.50	- 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		2477	4987	5642	3451	2723	3446	288	22	0	0	

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 3.31 ANGLE CLASS % = 23.1

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0	-	1060	954			429	319	39	.	.	.	2801
0.5	-		860		90	154	759	121	.	.	.	3534
1.0	-			1510	704	118	571	121	1	1	.	16197
1.5	-			183	71	292	471	130	5	1	.	8655
2.0	-					106	376	114	44	.	.	1626
2.5	-						37	18	46	.	.	64
3.0	-									.	.	0
3.5	-									.	.	0
4.0	-									.	.	0
4.5	-									.	.	0
5.0	-									.	.	0
5.5	-									.	.	0
6.0	-									.	.	0
6.5	-									.	.	0
7.0	-									.	.	0
7.5	-									.	.	0
8.0	-									.	.	0
8.5	-									.	.	0
9.0	-									.	.	0
9.5	-									.	.	0
10.0	-									.	.	0
10.5	-									.	.	0
11.0	-									.	.	0
11.5	-									.	.	0
12.0	-									.	.	0
12.5	-									.	.	0
13.0	-									.	.	0
13.5	-									.	.	0
14.0	-									.	.	0
14.5	-									.	.	0
15.0	-									.	.	0
15.5	-									.	.	0
16.0	-									.	.	0
16.5	-									.	.	0
17.0	-									.	.	0
17.5	-									.	.	0
18.0	-									.	.	0
18.5	-									.	.	0
19.0	-									.	.	0
19.5	-									.	.	0
20.0	-									.	.	0
20.5	-									.	.	0
21.0	-									.	.	0
21.5	-									.	.	0
22.0	-									.	.	0
22.5	-									.	.	0
23.0	-									.	.	

STATION 119 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 71.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1091	934	1623	116	1172	2113	2452	299	83	727	8871
0.50 - 0.99	.	949	.	116	94	2772	5086	128	159	1250	10177
1.00 - 1.49	.	.	203	764	92	691	506	.	160	323	2739
1.50 - 1.99	.	.	.	53	248	258	70	.	123	179	931
2.00 - 2.49	54	260	92	8	1	65	480
2.50 - 2.99	27	87	23	1	11	148
3.00 - 3.49	5	20	.	3	29
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	1	0
TOTAL	1091	1883	1826	933	1660	6121	6298	478	527	2559	0

AVERAGE HS(M) = 0.69 LARGEST HS(M) = 4.85 ANGLE CLASS % = 23.4

STATION 119 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 71.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	915	1098	15	15	1096	2479	1466	1220	971	58	9333
0.50 - 0.99	.	754	.	706	412	978	821	484	494	10	6666
1.00 - 1.49	.	.	207	893	1590	329	176	68	116	18	2678
1.50 - 1.99	.	.	126	18	20	88	5	13	11	1	911
2.00 - 2.49	1	6	10	1	.	183
2.50 - 2.99	1	.	.	17
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	915	1852	2148	1632	2269	4613	2859	1813	1595	93	0

AVERAGE HS(M) = 0.65 LARGEST HS(M) = 3.06 ANGLE CLASS % = 19.8

STATION 119 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 71.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

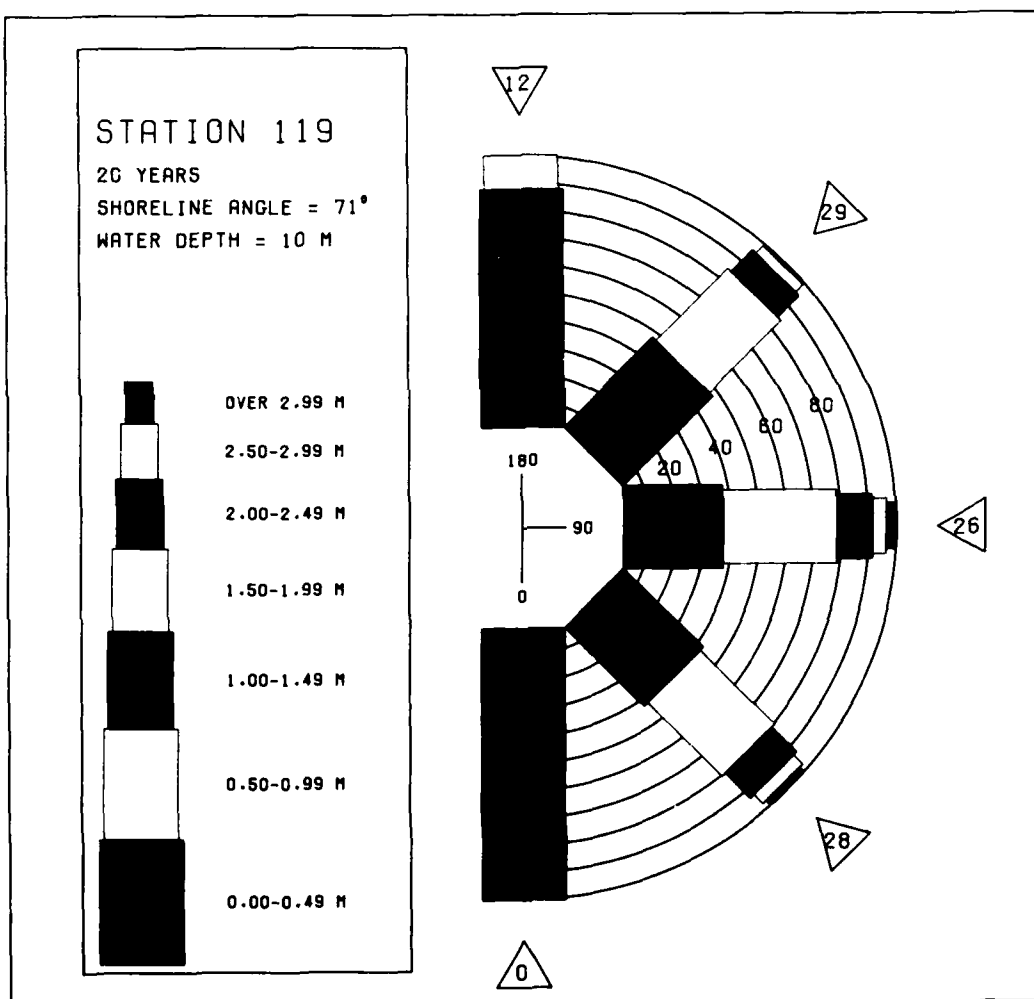
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1870	3285	3521	4204	862	17	.	.	.	.	13759
0.50 - 0.99	.	140	1476	2248	273	5	.	.	.	.	4142
1.00 - 1.49	.	.	6	71	22	.	.	.	.	.	99
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1870	3425	5003	6523	1157	22	0	0	0	0	0

AVERAGE HS(M) = 0.32 LARGEST HS(M) = 1.40 ANGLE CLASS % = 18.0

STATION 119 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 71.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	793	1088	496	446	428	567	399	151	105	78	4551
0.50-0.99	.	380	1140	516	157	569	407	61	65	126	3421
1.00-1.49	.	.	69	366	173	258	98	7	28	34	1033
1.50-1.99	.	.	.	18	107	172	45	1	13	18	374
2.00-2.49	24	92	38	3	.	6	163
2.50-2.99	7	21	8	.	1	37
3.00-3.49	2	7	.	.	9
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
10.00-10.99	0
11.00-11.99	0
12.00-12.99	0
13.00-13.99	0
14.00-14.99	0
15.00-15.99	0
16.00-16.99	0
17.00-17.99	0
18.00-18.99	0
19.00-19.99	0
20.00-20.99	0
21.00-21.99	0
22.00-22.99	0
23.00-23.99	0
24.00-24.99	0
25.00-25.99	0
26.00-26.99	0
27.00-27.99	0
28.00-28.99	0
29.00-29.99	0
30.00-30.99	0
31.00-31.99	0
32.00-32.99	0
33.00-33.99	0
34.00-34.99	0
35.00-35.99	0
36.00-36.99	0
37.00-37.99	0
38.00-38.99	0
39.00-39.99	0
40.00-40.99	0
41.00-41.99	0
42.00-42.99	0
43.00-43.99	0
44.00-44.99	0
45.00-45.99	0
46.00-46.99	0
47.00-47.99	0
48.00-48.99	0
49.00-49.99	0
50.00-50.99	0
51.00-51.99	0
52.00-52.99	0
53.00-53.99	0
54.00-54.99	0
55.00-55.99	0
56.00-56.99	0
57.00-57.99	0
58.00-58.99	0
59.00-59.99	0
60.00-60.99	0
61.00-61.99	0
62.00-62.99	0
63.00-63.99	0
64.00-64.99	0
65.00-65.99	0
66.00-66.99	0
67.00-67.99	0
68.00-68.99	0
69.00-69.99	0
70.00-70.99	0
71.00-71.99	0
72.00-72.99	0
73.00-73.99	0
74.00-74.99	0
75.00-75.99	0
76.00-76.99	0
77.00-77.99	0
78.00-78.99	0
79.00-79.99	0
80.00-80.99	0
81.00-81.99	0
82.00-82.99	0
83.00-83.99	0
84.00-84.99	0
85.00-85.99	0
86.00-86.99	0
87.00-87.99	0
88.00-88.99	0
89.00-89.99	0
90.00-90.99	0
91.00-91.99	0
92.00-92.99	0
93.00-93.99	0
94.00-94.99	0
95.00-95.99	0
96.00-96.99	0
97.00-97.99	0
98.00-98.99	0
99.00-99.99	0
TOTAL	793	1468	1705	1346	889	1665	1010	238	211	263	58440

AVE HS(M) = 0.61 LARGEST HS(M) = 4.85 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 119

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	1.1	0.5	0.7	0.5	0.5	0.5	0.3	0.4	0.4	0.4	0.5	0.5
1957	0.5	0.8	0.6	0.9	0.4	0.6	0.5	0.5	0.7	0.5	1.0	0.7	0.6
1958	0.6	0.6	0.7	0.9	0.7	0.7	0.6	0.5	0.5	0.7	0.5	0.6	0.6
1959	0.5	1.0	0.8	0.8	0.7	0.5	0.9	0.5	0.7	1.5	0.9	0.6	0.8
1960	0.5	0.8	0.8	0.7	0.6	0.6	0.6	0.4	0.7	0.5	0.5	0.4	0.6
1961	0.6	0.8	0.9	0.8	0.8	0.9	0.7	0.8	0.4	0.5	0.6	0.8	0.7
1962	0.7	0.8	0.7	0.8	0.3	0.7	0.5	0.5	0.5	0.5	0.7	0.8	0.6
1963	0.6	0.8	0.9	0.7	0.5	0.6	0.4	0.3	0.6	0.8	0.9	0.7	0.7
1964	0.6	0.6	0.8	0.9	0.4	0.5	0.7	0.6	0.7	0.8	0.7	0.9	0.7
1965	0.5	0.9	0.7	0.8	0.4	0.6	0.6	0.5	0.6	0.7	0.5	0.3	0.6
1966	0.6	0.9	0.6	0.7	0.8	0.6	0.8	0.6	0.6	0.4	0.4	0.4	0.6
1967	0.6	0.5	0.6	0.7	0.6	0.7	0.7	0.6	0.5	0.4	0.4	0.5	0.6
1968	0.5	0.3	0.5	0.2	0.3	0.8	0.7	0.6	0.5	0.8	0.6	0.4	0.5
1969	0.6	0.5	0.6	0.7	0.8	0.7	0.5	0.6	0.5	0.6	1.6	1.0	0.7
1970	0.6	0.6	0.9	0.7	0.6	0.6	0.5	0.6	0.4	0.9	0.3	0.5	0.6
1971	0.6	0.8	0.6	0.6	0.6	0.4	0.5	0.5	0.6	0.7	0.6	1.0	0.6
1972	0.7	0.5	0.7	0.7	1.0	1.0	0.9	0.6	0.3	0.6	0.7	0.6	0.7
1973	0.8	0.6	0.8	0.8	0.7	0.6	0.2	0.2	0.3	0.3	0.5	0.9	0.5
1974	0.5	0.6	0.5	0.6	0.4	0.3	0.2	0.1	0.2	0.5	0.4	0.5	0.4
1975	0.6	1.0	0.7	0.3	0.2	0.3	0.3	0.1	0.5	0.5	0.4	0.4	0.4
MEAN	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 119

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.3	2.4	2.0	2.8	1.5	1.1	1.2	1.1	2.8	1.7	0.9	2.0
1957	2.1	2.9	2.0	2.9	1.4	2.4	1.5	1.4	1.7	1.4	2.3	2.2
1958	2.9	2.5	2.3	2.5	2.0	2.0	1.2	1.6	1.4	2.0	1.4	2.9
1959	2.6	2.4	3.0	2.2	1.9	2.0	2.9	1.4	3.5	2.4	2.1	2.3
1960	2.6	3.1	2.6	2.4	1.2	1.9	2.9	1.2	3.3	1.5	2.0	1.7
1961	3.2	2.6	2.7	3.1	2.1	2.2	1.4	2.0	1.6	1.6	2.3	2.4
1962	2.6	2.1	2.5	2.5	1.1	1.5	1.4	2.6	1.9	1.6	3.2	2.0
1963	2.3	2.6	2.4	2.2	1.6	1.4	1.2	1.2	2.6	3.2	2.7	2.3
1964	2.5	2.5	2.3	2.3	1.8	1.9	2.0	2.5	3.3	2.5	2.5	2.1
1965	2.3	3.1	2.1	2.1	1.4	1.8	1.5	1.2	1.1	2.5	1.7	1.3
1966	3.3	3.2	2.6	2.2	2.1	2.9	2.0	1.3	1.7	1.7	1.6	1.7
1967	2.1	1.9	2.2	2.2	2.2	1.8	2.2	1.9	2.2	1.7	2.2	2.8
1968	2.0	1.7	3.1	1.2	1.1	2.2	1.4	0.9	0.8	2.2	2.3	2.8
1969	2.0	2.3	2.9	2.2	2.0	2.0	1.0	1.5	1.6	2.0	4.9	2.7
1970	2.2	3.4	2.1	2.4	2.6	1.8	1.9	1.9	1.1	2.9	1.7	2.5
1971	2.2	2.5	3.4	2.5	2.3	1.3	2.0	1.8	1.2	2.1	2.1	2.4
1972	2.4	2.6	2.4	1.8	2.8	2.9	1.9	1.3	1.4	1.8	2.8	2.8
1973	3.0	3.3	2.9	2.4	2.0	1.5	0.7	1.2	1.8	2.3	2.9	3.3
1974	2.3	2.6	1.7	2.2	2.4	0.9	0.6	0.6	1.0	1.3	2.2	2.5
1975	2.5	2.4	2.4	1.7	1.0	1.6	1.2	0.8	2.4	2.2	1.9	3.0

LARGEST HS(METRES) FOR STATION 119 = 4.9

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.42 LARGEST HS(M) = 1.53 ANGLE CLASS % = 17.6

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.73 LARGEST HS(M) = 2.93 ANGLE CLASS % = 13.2

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.81 LARGEST HS(M) = 3.39 ANGLE CLASS % = 9.1

STATION 120 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0	1129	929			1016	2269	4057	915	713	1072	12122
0.05		995			90	1916	3001	874	1125	1545	11220
0.1			1587	67	95	434	383	179	467	386	2532
0.15			241	75	215	273	186	35	54	66	904
0.2					53	294	130	17	23	32	549
0.25						22	88	22	8	6	146
0.3							3	6		1	10
0.35											1
0.4										i	0
0.45											0
0.5											0
0.55											0
0.6											0
0.65											0
0.7											0
0.75											0
0.8											0
0.85											0
0.9											0
0.95											0
1.0											0
1.05											0
1.1											0
1.15											0
1.2											0
1.25											0
1.3											0
1.35											0
1.4											0
1.45											0
1.5											0
1.55											0
1.6											0
1.65											0
1.7											0
1.75											0
1.8											0
1.85											0
1.9											0
1.95											0
2.0											0
2.05											0
2.1											0
2.15											0
2.2											0
2.25											0
2.3											0
2.35											0
2.4											0
2.45											0
2.5											

AVERAGE HS(M) = 0.66 LARGEST HS(M) = 4.69 ANGLE CLASS % = 27.9

STATION 120 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.00	1119	1356	18	1069	1093	2060	718	174	143	6681	
0.50	826	2529	196	1488	142	1463	559	32	11	6571	
1.00	.	.	.	56	639	611	400	5	6	3374	
1.50	.	.	.	.	329	588	169	.	1	1139
2.00	.	.	.	.	17	212	51	.	.	280
2.50	.	.	.	.	.	10	10	.	.	20
3.00	.	.	.	.	.	.	.	.	.	0
3.50	.	.	.	.	.	.	.	.	.	0
4.00	.	.	.	.	.	.	.	.	.	0
4.50	.	.	.	.	.	.	.	.	.	0
5.00	.	.	.	.	.	.	.	.	.	0
GREATER	1119	2182	2743	2613	2215	4914	1907	211	161	0	
TOTAL	1119	2182	2743	2613	2215	4914	1907	211	161	0	

AVERAGE HS(M) = 0.74 LARGEST HS(M) = 2.93 ANGLE CLASS % = 18.1

STATION 120 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

AVERAGE HS(M) = 0.43 LARGEST HS(M) = 1.42 ANGLE CLASS % = 12.5

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0	915	1158	419	300	408	559	513	111	85	108	4616
0.50	.	441	1200	655	74	516	392	92	119	154	3643
1.00	.	.	80	430	125	103	105	18	47	38	1036
1.50	.	.	.	23	99	155	53	4	5	6	345
2.00	.	.	.	.	19	92	31	2	2	3	149
2.50	.	.	.	.	.	7	24	3	.	.	34
3.00	.	.	.	.	.	.	.	1	.	.	1
3.50	.	.	.	.	.	.	.	.	.	.	0
4.00	.	.	.	.	.	.	.	.	.	.	0
4.50	.	.	.	.	.	.	.	.	.	.	0
5.00	.	.	.	.	.	.	.	.	.	.	0
5.00	GREATER	.	.	.	.	.	.	.	.	.	0
TOTAL	915	1599	1699	1408	725	1562	1118	231	258	309	
AVE HS(M) = 0.62 LARGEST HS(M) = 4.69 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 120

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.9	0.4	0.7	0.6	0.6	0.4	0.2	0.5	0.7	0.5	0.4	0.5
1957	0.6	0.8	0.6	0.9	0.4	0.6	0.5	0.6	0.7	0.8	1.0	0.7	0.7
1958	0.6	0.5	0.6	0.8	0.6	0.6	0.5	0.4	0.6	0.9	0.6	0.8	0.6
1959	0.6	1.0	0.9	0.7	0.7	0.5	0.8	0.5	0.9	1.3	0.9	0.7	0.8
1960	0.5	0.9	0.8	0.7	0.5	0.6	0.6	0.4	0.8	0.6	0.6	0.5	0.6
1961	0.6	0.8	0.9	0.8	0.7	0.8	0.6	0.7	0.5	0.7	0.6	0.7	0.7
1962	0.8	0.7	0.8	0.8	0.3	0.6	0.4	0.5	0.6	0.5	0.7	0.9	0.6
1963	0.7	1.0	0.8	0.6	0.6	0.6	0.4	0.3	0.8	1.1	1.0	0.8	0.7
1964	0.6	0.6	0.8	0.8	0.5	0.5	0.7	0.6	0.9	0.9	0.8	0.9	0.7
1965	0.5	0.9	0.6	0.7	0.3	0.6	0.5	0.4	0.8	0.8	0.6	0.3	0.6
1966	0.6	0.9	0.6	0.6	0.8	0.6	0.8	0.6	0.6	0.5	0.6	0.5	0.6
1967	0.5	0.5	0.6	0.7	0.6	0.8	0.6	0.6	0.7	0.5	0.4	0.6	0.6
1968	0.7	0.4	0.4	0.2	0.3	0.8	0.6	0.5	0.5	0.8	0.5	0.4	0.5
1969	0.7	0.5	0.5	0.7	0.8	0.7	0.5	0.6	0.6	0.8	1.1	0.8	0.7
1970	0.6	0.6	0.9	0.6	0.6	0.5	0.5	0.5	0.4	1.1	0.4	0.5	0.6
1971	0.5	0.8	0.5	0.5	0.5	0.3	0.4	0.5	0.6	0.7	0.7	1.3	0.6
1972	0.7	0.7	0.6	0.6	1.0	0.8	0.7	0.5	0.4	0.9	0.7	0.7	0.7
1973	0.9	0.7	0.8	0.7	0.6	0.5	0.2	0.2	0.3	0.4	0.5	0.9	0.6
1974	0.5	0.6	0.5	0.5	0.4	0.2	0.2	0.2	0.3	0.8	0.4	0.5	0.4
1975	0.6	1.1	0.7	0.3	0.2	0.3	0.3	0.1	0.5	0.6	0.4	0.5	0.5
MEAN	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.4	0.6	0.8	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 120

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.4	2.4	1.7	2.5	1.8	1.0	1.0	0.8	2.5	2.0	1.4	1.3	
1957	1.7	2.8	2.0	2.8	1.2	1.4	1.2	1.4	2.1	1.8	2.4	2.1	
1958	2.7	2.4	2.4	2.6	2.0	1.2	1.2	1.3	1.7	1.8	1.3	2.8	
1959	2.6	2.5	2.7	1.9	2.0	1.5	2.9	1.1	3.0	2.7	2.1	2.2	
1960	2.3	2.8	2.7	2.2	1.2	1.5	2.8	1.2	3.2	1.4	1.9	2.0	
1961	3.4	2.8	2.8	2.8	2.1	2.2	1.1	1.4	1.5	1.8	2.1	2.1	
1962	2.4	2.2	2.4	2.4	1.0	1.5	1.2	2.4	2.1	2.1	2.9	2.2	
1963	2.2	2.5	2.3	2.2	1.9	1.2	0.9	1.2	2.6	3.0	2.3	2.6	
1964	2.4	2.3	2.1	2.2	1.4	1.9	1.6	2.7	2.8	2.9	2.5	2.2	
1965	1.6	3.0	2.0	2.1	1.3	1.5	1.1	1.2	1.6	2.6	1.2	1.1	
1966	3.2	2.9	2.3	1.9	1.9	2.6	2.2	1.2	1.7	1.7	1.9	1.5	
1967	2.0	1.5	1.8	1.8	1.3	1.6	1.7	1.3	2.0	1.4	1.3	2.6	
1968	2.0	1.6	2.8	1.0	1.2	2.4	1.4	1.1	0.8	2.2	2.1	2.6	
1969	2.0	2.5	2.8	2.5	2.0	2.0	0.9	1.4	1.5	2.5	4.7	2.6	
1970	2.3	2.8	2.0	2.4	2.2	1.3	1.4	1.9	1.2	2.7	1.8	2.2	
1971	2.4	2.3	2.8	1.6	2.2	0.9	1.2	1.4	1.3	2.8	2.0	2.7	
1972	2.2	2.3	2.3	1.6	2.5	3.0	2.0	1.0	1.3	2.0	2.6	2.3	
1973	2.7	3.2	2.8	2.2	2.1	1.6	0.7	1.0	2.1	1.2	2.5	3.1	
1974	2.1	2.4	1.1	2.0	2.2	0.7	0.6	0.5	1.2	1.7	2.3	2.5	
1975	2.4	2.6	2.5	1.3	1.1	1.6	0.9	0.7	2.4	2.2	1.6	2.8	

LARGEST HS(METRES) FOR STATION 120 = 4.7

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.20 LARGEST HS(M) = 0.65 ANGLE CLASS % = 6.3

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.61 LARGEST HS(M) = 2.84 ANGLE CLASS % = 20.1

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.78 LARGEST HS(M) = 3.39 ANGLE CLASS % = 10.0

STATION 121 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1078	905	1502	88	1226	2924	4863	1221	819	1363	14399
0.50 - 0.99	.	1009	227	744	102	1988	3131	927	1201	1544	11542
1.00 - 1.49	.	.	.	71	203	424	374	174	436	355	2824
1.50 - 1.99	53	273	161	34	53	65	890
2.00 - 2.49	297	126	15	25	34	550
2.50 - 2.99	18	87	20	6	5	136
3.00 - 3.49	3	8	.	1	12
3.50 - 3.99	1	1
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1078	1914	1729	903	1676	5924	8775	2399	2540	3419	

AVERAGE HS(M) = 0.62 LARGEST HS(M) = 4.69 ANGLE CLASS % = 30.4

STATION 121 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1321	1866	142	8	1338	2416	870	32	174	.	8167
0.50 - 0.99	.	713	3011	2063	223	1771	533	13	10	.	8367
1.00 - 1.49	.	.	157	1360	629	756	438	5	8	.	3363
1.50 - 1.99	.	.	.	39	260	189	152	.	.	.	1029
2.00 - 2.49	11	8	3	.	.	.	254
2.50 - 2.99	11
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1321	2579	3310	3470	2501	5718	2050	50	192	0	

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 2.93 ANGLE CLASS % = 21.2

STATION 121 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

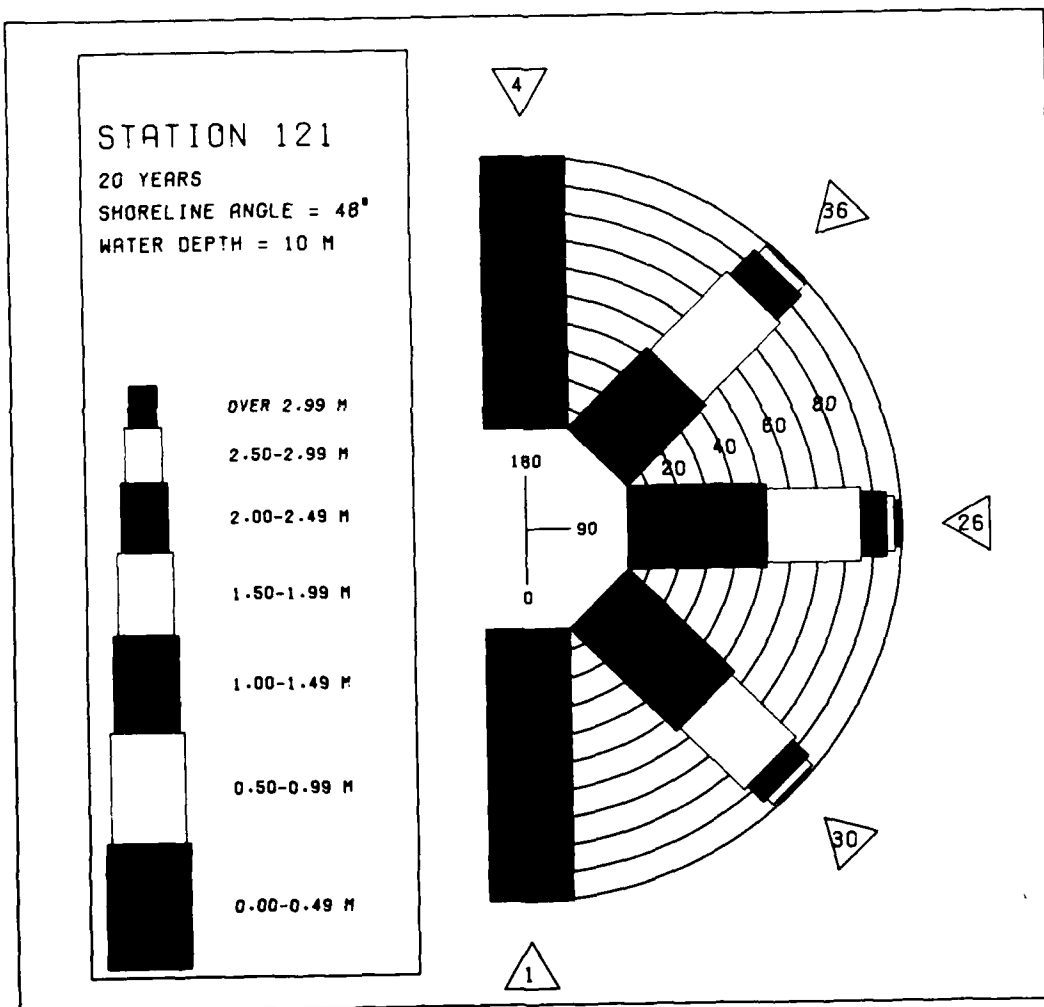
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	978	1735	1834	1704	285	11	.	.	.	.	6547
0.50 - 0.99	.	17	622	1113	25	.	.	.	.	.	1777
1.00 - 1.49	.	.	.	1	.	.	.	.	.	.	1
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	978	1752	2456	2818	310	11	0	0	0	0	

AVERAGE HS(M) = 0.31 LARGEST HS(M) = 1.03 ANGLE CLASS % = 8.3

STATION 121 20 YEARS FOR ALL DIRECTIONS
 SHOELINE ANGLE = 48.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.00 - 0.49	832	1112	478	308	438	687	616	129	101	138	4839	
0.50 - 0.99	.	340	1007	540	78	589	405	95	127	159	3540	
1.00 - 1.49	.	.	64	331	121	212	108	18	44	35	1333	
1.50 - 1.99	.	.	.	17	87	148	52	2	2	3	199	
2.00 - 2.49	17	84	30	1	.	.	100	
2.50 - 2.99	6	22	.	.	.	100	
3.00 - 3.49	100	
3.50 - 3.99	100	
4.00 - 4.49	100	
4.50 - 4.99	100	
5.00 - GREATER	100	
TOTAL	832	1452	1549	1196	741	1726	1233	251	279	341	58440	
AVE HS(M) = 0.58 LARGEST HS(M) = 4.69 TOTAL CASES = 58440												

AVE HS(M) = 0.58 LARGEST HS(M) = 4.69 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 121

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.8	0.4	0.6	0.5	0.5	0.4	0.2	0.4	0.7	0.5	0.4	0.5
1957	0.6	0.8	0.5	0.9	0.4	0.5	0.4	0.5	0.7	0.8	0.9	0.6	0.6
1958	0.6	0.4	0.6	0.8	0.6	0.5	0.5	0.3	0.5	0.9	0.6	0.7	0.6
1959	0.5	1.0	0.8	0.7	0.6	0.5	0.8	0.4	0.8	1.3	0.9	0.7	0.7
1960	0.5	0.8	0.8	0.6	0.4	0.5	0.5	0.4	0.8	0.6	0.5	0.4	0.6
1961	0.6	0.8	0.8	0.7	0.7	0.7	0.5	0.6	0.4	0.6	0.6	0.7	0.6
1962	0.7	0.7	0.8	0.7	0.3	0.6	0.4	0.5	0.5	0.5	0.7	0.8	0.6
1963	0.6	1.0	0.8	0.6	0.6	0.6	0.3	0.3	0.7	1.0	1.0	0.8	0.7
1964	0.5	0.5	0.7	0.8	0.4	0.4	0.6	0.6	0.9	0.9	0.7	0.9	0.7
1965	0.4	0.8	0.5	0.6	0.3	0.5	0.5	0.4	0.8	0.8	0.5	0.3	0.5
1966	0.6	0.9	0.5	0.6	0.7	0.6	0.7	0.5	0.5	0.5	0.5	0.5	0.6
1967	0.5	0.5	0.6	0.6	0.5	0.3	0.6	0.5	0.6	0.5	0.3	0.5	0.5
1968	0.6	0.4	0.4	0.2	0.3	0.7	0.5	0.5	0.5	0.8	0.5	0.3	0.5
1969	0.6	0.5	0.5	0.7	0.8	0.7	0.4	0.6	0.6	0.8	1.1	0.7	0.7
1970	0.6	0.5	0.8	0.6	0.5	0.5	0.4	0.5	0.4	1.1	0.3	0.4	0.6
1971	0.5	0.7	0.5	0.4	0.5	0.3	0.4	0.4	0.6	0.7	0.6	1.3	0.6
1972	0.7	0.6	0.6	0.5	1.0	0.8	0.7	0.5	0.4	0.8	0.7	0.6	0.6
1973	0.8	0.6	0.7	0.6	0.6	0.5	0.1	0.2	0.3	0.4	0.5	0.8	0.5
1974	0.5	0.5	0.4	0.5	0.4	0.2	0.2	0.1	0.3	0.8	0.4	0.4	0.4
1975	0.6	1.1	0.7	0.3	0.1	0.2	0.3	0.1	0.5	0.6	0.4	0.5	0.4
MEAN	0.6	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.6	0.7	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 121

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.4	2.4	1.5	2.3	1.7	0.9	1.0	0.8	2.5	2.0	1.4	1.2	
1957	1.7	2.8	2.0	2.8	1.2	1.3	1.2	1.4	2.1	1.8	2.4	2.1	
1958	2.7	2.4	2.4	2.6	2.0	1.1	1.0	1.3	1.7	1.8	1.3	2.8	
1959	2.6	2.5	2.7	1.9	2.0	1.5	2.9	1.1	3.1	2.7	2.1	2.2	
1960	2.3	2.8	2.7	2.2	1.2	1.4	2.8	1.1	3.2	1.4	1.9	2.0	
1961	3.4	2.8	2.8	2.7	2.1	2.2	1.0	1.4	1.4	1.8	2.0	2.1	
1962	2.4	2.2	2.4	2.4	1.0	1.5	1.1	2.5	2.1	2.0	2.9	2.2	
1963	2.0	2.5	2.2	2.1	1.9	1.1	0.9	1.2	2.5	3.0	2.3	2.5	
1964	2.4	2.2	2.1	2.2	1.4	1.9	1.5	2.7	2.8	2.8	2.5	2.1	
1965	1.5	3.0	1.9	2.1	1.2	1.5	1.0	1.2	1.6	2.6	1.2	1.1	
1966	3.2	2.9	2.3	1.8	1.9	2.6	2.2	1.2	1.7	1.8	1.9	1.5	
1967	2.0	1.5	1.7	1.8	1.2	1.5	1.6	1.3	2.0	1.4	1.2	2.5	
1968	2.0	1.5	2.7	1.0	1.2	2.4	1.4	1.0	0.8	2.2	2.0	2.4	
1969	2.0	2.4	2.8	2.5	2.0	2.0	0.9	1.4	1.5	2.5	4.7	2.6	
1970	2.3	2.8	2.0	2.4	2.2	1.3	1.4	1.9	1.2	2.7	1.7	2.2	
1971	2.2	2.3	2.7	1.5	2.2	0.8	1.1	1.4	1.3	2.8	2.1	2.7	
1972	2.2	2.3	2.3	1.5	2.4	3.0	2.0	0.9	1.3	1.9	2.4	2.3	
1973	2.7	3.1	2.7	2.2	2.1	1.6	0.6	0.9	2.1	1.1	2.2	3.1	
1974	2.0	2.4	0.9	2.0	2.2	0.6	0.6	0.5	1.2	1.6	2.3	2.5	
1975	2.4	2.6	2.5	1.3	1.0	1.6	0.9	0.7	2.4	2.2	1.6	2.7	

LARGEST HS(METRES) FOR STATION 121 = 4.7

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.32 ANGLE CLASS % = 12.9

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.68 LARGEST HS(M) = 2.90 ANGLE CLASS % = 16.1

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.80 LARGEST HS(M) = 3.39 ANGLE CLASS % = 9.4

STATION 122 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL		
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER		
0.0-0.49	-	1129	929			1062	2503	4315	949	758	1153		12798	
0.50-0.99	-		995				1947	3028	879	1148	1548		11309	
1.00-1.49	-			1587	87	90	422	374	171	456	369		2875	
1.50-1.99	-			241	747	95	270	184	35	54	66		899	
2.00-2.49	-				75	215	294	128	17	23	32		547	
2.50-2.99	-					53	22	68	22	8	6		146	
3.00-3.49	-							3	6		1		10	
3.50-3.99	-												1	
4.00-4.49	-												1	
4.50-4.99	-												1	
5.00-5.49	-												1	
5.50-5.99	-												1	
6.00-6.49	-												1	
6.50-6.99	-												1	
7.00-7.49	-												1	
7.50-7.99	-												1	
8.00-8.49	-												1	
8.50-8.99	-												1	
9.00-9.49	-												1	
9.50-9.99	-												1	
10.00-10.49	-												1	
10.50-10.99	-												1	
11.00-11.49	-												1	
11.50-11.99	-												1	
12.00-12.49	-												1	
12.50-12.99	-												1	
13.00-13.49	-												1	
13.50-13.99	-												1	
14.00-14.49	-												1	
14.50-14.99	-												1	
15.00-15.49	-												1	
15.50-15.99	-												1	
16.00-16.49	-												1	
16.50-16.99	-												1	
17.00-17.49	-												1	
17.50-17.99	-												1	
18.00-18.49	-												1	
18.50-18.99	-												1	
19.00-19.49	-												1	
19.50-19.99	-												1	
20.00-20.49	-				</									

STATION 122 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

STATION 122 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
SHORELINE ANGLE = 49.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

MEAN HS(METRES) BY MONTH AND YEAR

STATION 122

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.9	0.4	0.6	0.6	0.5	0.4	0.2	0.5	0.7	0.5	0.4	0.5
1957	0.6	0.8	0.5	0.9	0.4	0.5	0.5	0.6	0.7	0.8	1.0	0.7	0.7
1958	0.6	0.5	0.6	0.8	0.6	0.6	0.5	0.4	0.6	0.9	0.6	0.7	0.6
1959	0.6	1.0	0.9	0.7	0.6	0.5	0.8	0.4	0.9	1.3	0.9	0.7	0.8
1960	0.5	0.9	0.8	0.7	0.5	0.5	0.6	0.4	0.8	0.6	0.6	0.5	0.6
1961	0.6	0.8	0.9	0.7	0.7	0.7	0.5	0.7	0.5	0.7	0.6	0.7	0.7
1962	0.8	0.7	0.8	0.7	0.3	0.6	0.4	0.5	0.6	0.5	0.7	0.9	0.6
1963	0.7	1.0	0.8	0.6	0.6	0.6	0.3	0.3	0.8	1.1	1.0	0.8	0.7
1964	0.6	0.5	0.8	0.8	0.5	0.5	0.6	0.6	0.9	0.9	0.8	0.9	0.7
1965	0.5	0.8	0.6	0.7	0.3	0.6	0.5	0.4	0.8	0.8	0.6	0.3	0.6
1966	0.6	0.9	0.6	0.6	0.8	0.6	0.8	0.5	0.5	0.5	0.6	0.5	0.6
1967	0.5	0.5	0.6	0.7	0.5	0.8	0.6	0.5	0.7	0.5	0.4	0.6	0.6
1968	0.7	0.4	0.4	0.2	0.3	0.7	0.6	0.5	0.5	0.8	0.5	0.4	0.5
1969	0.7	0.5	0.5	0.7	0.8	0.7	0.4	0.6	0.6	0.8	1.1	0.8	0.7
1970	0.6	0.6	0.8	0.6	0.6	0.5	0.5	0.5	0.4	1.1	0.4	0.4	0.6
1971	0.5	0.7	0.5	0.5	0.5	0.3	0.4	0.5	0.6	0.7	0.7	1.3	0.6
1972	0.7	0.6	0.6	0.6	1.0	0.8	0.7	0.5	0.4	0.8	0.7	0.7	0.7
1973	0.9	0.7	0.8	0.7	0.6	0.5	0.2	0.2	0.3	0.4	0.5	0.8	0.5
1974	0.5	0.5	0.4	0.5	0.4	0.2	0.2	0.1	0.3	0.8	0.4	0.4	0.4
1975	0.6	1.1	0.7	0.3	0.2	0.2	0.3	0.1	0.5	0.6	0.4	0.5	0.5
MEAN	0.6	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.6	0.8	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 122

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.4	2.4	1.6	2.5	1.8	0.9	1.0	0.8	2.5	2.0	1.4	1.2
1957	1.7	2.8	2.0	2.8	1.2	1.3	1.2	1.4	2.1	1.8	2.4	2.1
1958	2.7	2.4	2.4	2.6	2.0	1.1	1.1	1.3	1.7	1.8	1.3	2.8
1959	2.6	2.5	2.7	1.9	2.0	1.5	2.9	1.1	3.0	2.7	2.1	2.2
1960	2.3	2.8	2.7	2.2	1.2	1.4	2.8	1.2	3.2	1.4	1.9	2.0
1961	3.4	2.8	2.8	2.7	2.1	2.2	1.1	1.4	1.5	1.8	2.1	2.1
1962	2.4	2.2	2.4	2.4	1.0	1.5	1.2	2.4	2.1	2.1	2.9	2.2
1963	2.2	2.5	2.3	2.2	1.9	1.2	0.9	1.2	2.6	3.0	2.3	2.6
1964	2.4	2.3	2.1	2.2	1.4	1.9	1.6	2.7	2.8	2.9	2.5	2.1
1965	1.5	3.0	1.9	2.1	1.3	1.5	1.1	1.2	1.6	2.6	1.2	1.1
1966	3.2	2.9	2.3	1.9	1.9	2.6	2.2	1.2	1.7	1.7	1.9	1.5
1967	2.0	1.5	1.8	1.8	1.2	1.6	1.6	1.3	2.0	1.4	1.3	2.6
1968	2.0	1.6	2.7	1.0	1.2	2.4	1.4	1.1	0.8	2.2	2.1	2.5
1969	2.0	2.5	2.8	2.5	2.0	2.0	0.9	1.4	1.5	2.5	4.7	2.6
1970	2.3	2.8	2.0	2.4	2.2	1.3	1.4	1.9	1.2	2.7	1.8	2.2
1971	2.4	2.3	2.8	1.5	2.2	0.8	1.2	1.4	1.3	2.8	2.0	2.7
1972	2.2	2.3	2.3	1.6	2.5	3.0	2.0	0.9	1.3	2.0	2.6	2.3
1973	2.7	3.1	2.8	2.2	2.1	1.6	0.7	1.0	2.1	1.2	2.5	3.1
1974	2.1	2.4	1.1	2.0	2.2	0.6	0.6	0.5	1.2	1.7	2.3	2.5
1975	2.4	2.6	2.5	1.3	1.0	1.6	0.9	0.7	2.4	2.2	1.6	2.8

LARGEST HS(METRES) FOR STATION 122 = 4.7

STATION 123 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2700	4158	2636	1772	645	189	3	1	.	.	12104
0.50 - 0.99	.	434	2679	159	159	227	1	.	.	.	5234
1.00 - 1.49	.	.	23	.	11	8	.	.	.	.	521
1.50 - 1.99	10
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2700	4592	5338	3453	1145	424	17	1	0	0	0

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 1.73 ANGLE CLASS % = 17.7

STATION 123 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1148	1247	1877	335	492	415	39	.	.	.	3341
0.50 - 0.99	.	1009	249	768	215	1225	179	1	.	.	4841
1.00 - 1.49	.	.	.	59	467	792	289	.	.	.	2566
1.50 - 1.99	323	573	152	13	.	.	1120
2.00 - 2.49	49	155	135	15	.	.	354
2.50 - 2.99	6	18	6	.	.	30
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1148	2256	2126	1162	1546	3166	812	36	0	0	0

AVERAGE HS(M) = 0.86 LARGEST HS(M) = 2.97 ANGLE CLASS % = 12.3

STATION 123 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	651	605	1098	47	985	2221	2373	44	130	65	7074
0.50 - 0.99	.	631	193	523	202	3335	3073	562	180	237	9234
1.00 - 1.49	.	.	.	61	138	768	674	3	174	155	2813
1.50 - 1.99	37	177	136	87	22	5	356
2.00 - 2.49	13	3	23	1	1	113
2.50 - 2.99	13
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	651	1236	1291	631	1418	6770	6402	652	596	669	0

AVERAGE HS(M) = 0.72 LARGEST HS(M) = 4.02 ANGLE CLASS % = 20.3

STATION 123 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9

SHORELINE ANGLE = 34.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X100) = 0

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.91 LARGEST HS(M) = 3.75 ANGLE CLASS % = 20.7

STATION 123 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9

SHORELINE ANGLE = 34.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) 0

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.72 LARGEST HS(M) = 2.84 ANGLE CLASS % = 22.6

STATION 123 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9

SHORELINE ANGLE = 34.0 DEGREES AZIMUTH

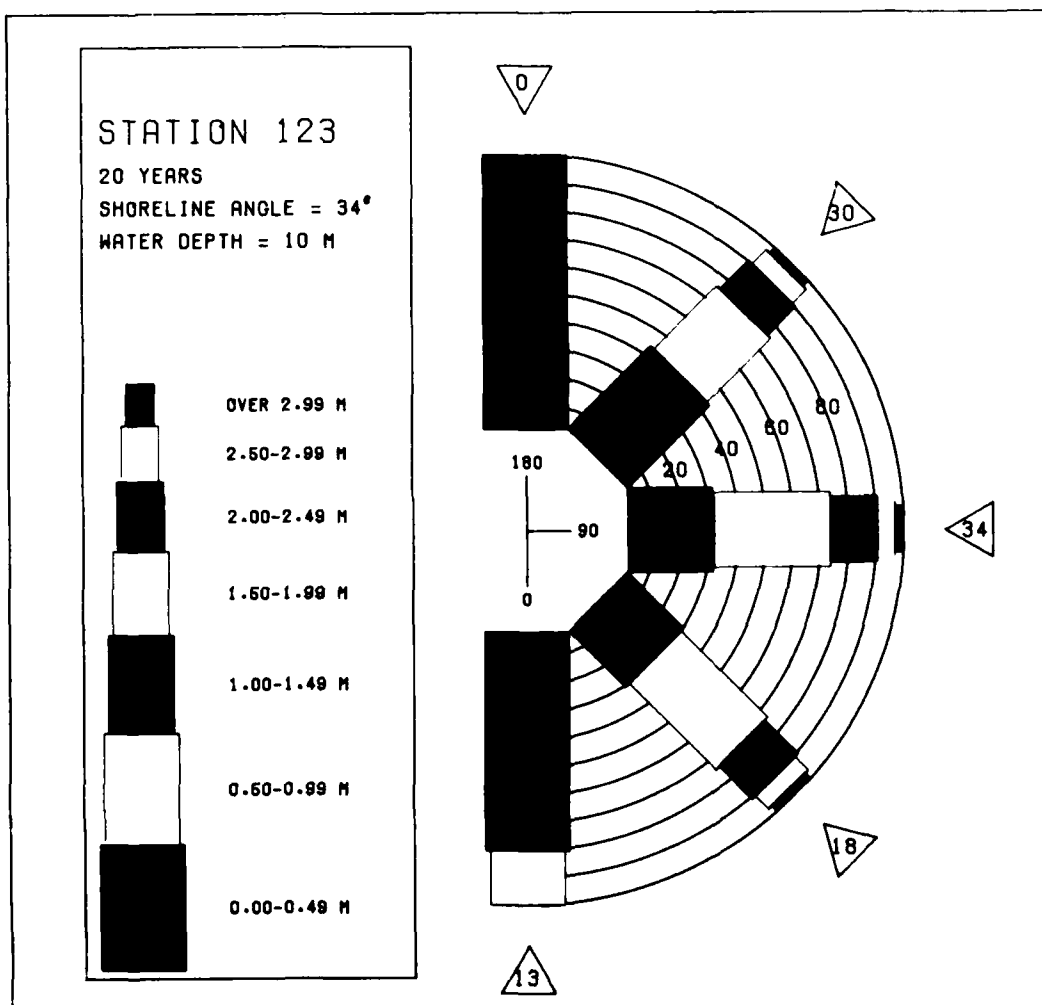
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE (X1000) 0

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.11 LARGEST HS(M) = 0.53 ANGLE CLASS % = 2.6

STATION 123 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 34.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0- 0.50	- 0.49	683	926	426	272	443	557	420	42	68	120	3957
0.50- 1.00	- 0.99	.	350	1032	360	163	719	533	131	81	145	3514
1.00- 1.50	- 1.49	.	.	87	334	158	325	176	48	67	120	1335
1.50- 2.00	- 1.99	.	.	.	27	115	239	63	11	47	50	552
2.00- 2.50	- 2.49	.	.	.	.	17	92	61	4	7	5	186
2.50- 3.00	- 2.99	.	.	.	.	.	5	30	.	.	.	45
3.00- 3.50	- 3.49	.	.	.	.	.	.	.	4	.	.	4
3.50- 4.00	- 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00- 4.50	- 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50- 5.00	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- TOTAL	- GREATER	683	1276	1545	993	896	1937	1283	249	271	460	0
AVE HS(M) = 0.67		LARGEST HS(M) = 4.02		TOTAL CASES =		58440						



MEAN HS(METRES) BY MONTH AND YEAR

STATION 123

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	1.0	0.4	0.6	0.8	0.5	0.4	0.2	0.5	0.8	0.7	0.4	0.6
1957	0.6	1.0	0.6	1.0	0.5	0.6	0.5	0.6	0.8	0.8	1.0	0.7	0.7
1958	0.6	0.4	0.6	0.8	0.7	0.6	0.5	0.4	0.7	1.2	1.1	1.1	0.7
1959	0.7	1.2	1.0	0.8	0.7	0.5	0.9	0.5	1.0	1.7	1.1	0.8	0.9
1960	0.5	0.9	0.8	0.7	0.5	0.6	0.6	0.4	0.9	0.6	0.7	0.5	0.6
1961	0.6	0.8	0.9	0.7	0.8	0.8	0.6	0.7	0.6	0.8	0.7	0.7	0.7
1962	0.8	0.8	0.9	0.7	0.4	0.7	0.4	0.6	0.7	0.6	0.6	1.1	0.7
1963	0.8	1.2	1.0	0.7	0.7	0.6	0.4	0.4	1.0	1.4	1.6	1.4	0.9
1964	0.5	0.5	0.8	0.9	0.6	0.5	0.7	0.7	1.0	1.0	0.9	1.0	0.8
1965	0.5	0.9	0.6	0.7	0.3	0.6	0.5	0.4	1.1	1.0	0.8	0.4	0.7
1966	0.6	1.0	0.6	0.7	0.8	0.6	1.0	0.7	0.6	0.6	0.7	0.6	0.7
1967	0.5	0.5	0.7	0.7	0.5	0.9	0.6	0.6	0.8	0.6	0.4	0.5	0.6
1968	0.6	0.2	0.3	0.2	0.3	1.0	0.8	0.7	0.7	1.0	0.5	0.3	0.6
1969	0.7	0.5	0.5	0.7	1.0	0.8	0.5	0.7	0.8	1.1	1.5	0.9	0.8
1970	0.7	0.5	0.8	0.7	0.6	0.5	0.5	0.6	0.4	1.2	0.3	0.4	0.6
1971	0.5	0.7	0.5	0.4	0.5	0.3	0.4	0.5	0.7	0.8	0.8	1.7	0.7
1972	0.8	0.7	0.6	0.6	1.1	0.8	0.8	0.5	0.5	1.1	0.7	0.7	0.7
1973	0.8	0.7	0.7	0.7	0.6	0.6	0.2	0.2	0.3	0.5	0.5	0.8	0.5
1974	0.5	0.5	0.4	0.5	0.4	0.3	0.2	0.2	0.3	1.1	0.6	0.4	0.4
1975	0.7	1.3	0.7	0.3	0.2	0.2	0.3	0.1	0.6	0.5	0.5	0.5	0.5
MEAN	0.6	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.7	0.9	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 123

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.4	2.7	1.4	2.2	2.2	1.0	1.1	1.0	2.4	2.2	2.0	1.4	
1957	2.0	3.0	1.9	2.6	1.4	1.3	1.3	1.8	2.3	2.0	2.3	2.2	
1958	2.7	2.4	2.7	2.7	2.2	1.2	1.0	1.1	2.1	2.2	1.8	2.8	
1959	2.6	2.5	2.8	2.0	1.9	1.3	2.8	1.1	3.7	3.1	2.4	2.6	
1960	2.2	2.9	2.8	2.1	1.6	1.4	2.3	1.1	3.5	1.3	2.2	2.1	
1961	3.3	2.8	2.8	2.7	1.7	1.9	1.1	1.6	1.9	2.2	1.9	2.3	
1962	2.1	2.1	3.2	2.3	1.2	1.9	1.1	2.5	2.5	2.3	2.7	2.6	
1963	2.1	2.7	2.2	2.2	2.3	1.5	1.0	1.4	2.9	3.1	2.7	3.1	
1964	2.3	2.1	1.9	2.3	1.5	2.2	2.0	2.4	3.1	2.7	2.4	2.2	
1965	1.5	2.9	1.8	2.3	1.2	1.7	1.3	1.2	2.2	2.8	1.5	1.6	
1966	3.1	2.9	2.3	1.8	2.0	2.5	2.3	1.5	1.7	1.7	2.1	2.0	
1967	2.0	1.9	2.0	2.1	1.4	2.0	1.8	2.0	1.9	1.6	1.7	2.4	
1968	2.5	1.6	2.4	0.9	1.3	2.7	1.5	1.2	1.1	2.4	1.8	2.2	
1969	2.0	2.7	2.6	2.2	2.2	2.0	1.0	1.6	2.0	2.9	4.0	2.6	
1970	2.4	2.6	2.2	1.9	2.0	1.4	1.4	2.0	1.4	2.8	2.1	2.4	
1971	2.1	2.3	2.6	2.1	2.2	0.9	1.0	1.5	1.4	3.3	2.1	3.3	
1972	2.0	2.1	2.3	2.1	2.8	2.9	2.4	0.9	1.6	2.4	2.3	2.4	
1973	2.5	2.8	2.4	1.8	2.0	1.8	0.6	0.9	1.9	1.7	2.3	2.7	
1974	1.8	2.1	1.3	2.2	2.0	0.6	0.6	0.6	1.7	2.7	2.3	2.4	
1975	2.5	2.9	2.5	1.4	1.0	1.4	0.9	0.7	2.4	2.1	1.9	2.6	

LARGEST HS(METRES) FOR STATION 123 = 4.0

STATION 124 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOPELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2070	3324	2628	1630	496	46	.	.	.	.	10194
0.50-0.99	.	95	1493	930	150	.	.	.	.	.	2668
1.00-1.49	.	.	1	10	5	.	.	.	.	.	16
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2070	3419	4122	2570	651	46	0	0	0	0	0

AVERAGE HS(M) = 0.31 LARGEST HS(M) = 1.22 ANGLE CLASS % = 12.9

STATION 124 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOPELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1529	1909	49	758	477	436	35	.	.	.	4435
0.50-0.99	.	1040	2553	787	417	1421	169	1	.	.	6359
1.00-1.49	.	.	217	34	527	816	261	.	.	.	2608
1.50-1.99	302	527	167	15	.	.	1045
2.00-2.49	34	130	107	15	.	.	266
2.50-2.99	3	18	3	.	.	24
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1529	2949	2819	1579	1757	3333	757	34	0	0	0

AVERAGE HS(M) = 0.79 LARGEST HS(M) = 2.95 ANGLE CLASS % = 14.8

STATION 124 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOPELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	658	638	1107	51	955	2334	2484	42	126	63	7340
0.50-0.99	.	643	186	513	213	3333	3066	557	77	227	9274
1.00-1.49	.	.	.	63	68	727	684	.	181	227	2586
1.50-1.99	142	248	133	3	179	133	901
2.00-2.49	191	80	80	8	20	5	351
2.50-2.99	47	15	102	25	5	.	147
3.00-3.49	3	8	.	.	12
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	658	1281	1293	627	1465	6848	6552	643	589	655	0

AVERAGE HS(M) = 0.72 LARGEST HS(M) = 3.28 ANGLE CLASS % = 20.6

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.90 LARGEST HS(M) = 4.00 ANGLE CLASS % = 19.4

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

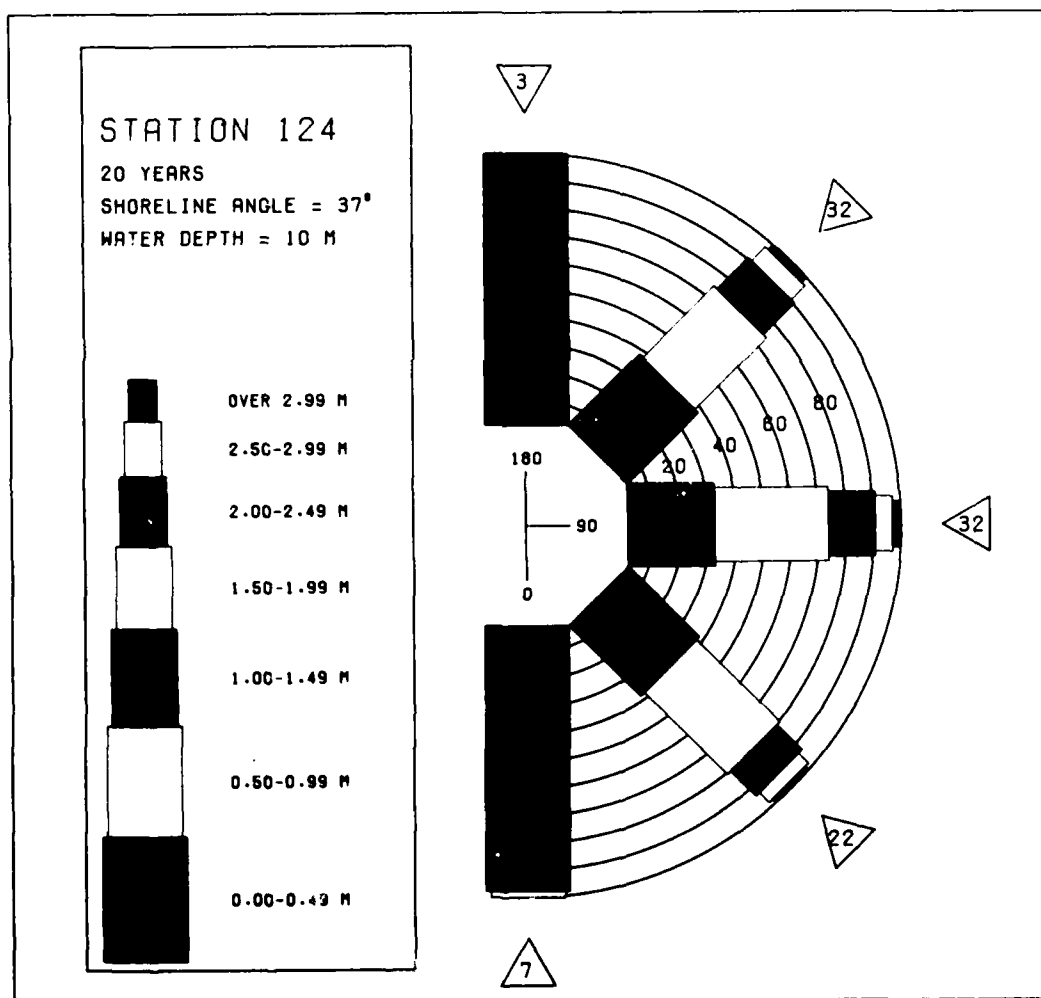
AVERAGE HS(M) = 0.81 LARGEST HS(M) = 2.94 ANGLE CLASS % = 21.6

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.24 LARGEST HS(M) = 0.92 ANGLE CLASS % = 6.7

STATION 124 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 37.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	676	931	418	265	440	565	439	47	73	127	3981
0.50-0.99	.	344	1025	351	164	714	526	125	77	143	3469
1.00-1.49	.	.	89	344	164	324	172	45	67	139	1344
1.50-1.99	.	.	.	24	114	235	65	12	45	50	545
2.00-2.49	17	93	59	4	8	5	187
2.50-2.99	5	30	.	.	.	43
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	676	1275	1532	984	899	1936	1291	246	271	464	
AVE HS(M) = 0.67 LARGEST HS(M) = 4.00 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 124

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	1.0	0.4	0.6	0.8	0.5	0.4	0.2	0.5	0.8	0.7	0.4	0.6
1957	0.6	1.0	0.5	1.0	0.5	0.5	0.5	0.6	0.8	0.8	1.0	0.7	0.7
1958	0.6	0.4	0.6	0.8	0.7	0.6	0.5	0.4	0.7	1.2	1.1	1.1	0.7
1959	0.7	1.2	1.0	0.8	0.7	0.5	0.9	0.5	1.0	1.7	1.1	0.8	0.9
1960	0.5	0.9	0.8	0.7	0.5	0.6	0.6	0.4	1.0	0.6	0.7	0.5	0.6
1961	0.6	0.8	0.9	0.6	0.8	0.8	0.6	0.7	0.6	0.8	0.7	0.7	0.7
1962	0.8	0.8	0.9	0.7	0.4	0.7	0.4	0.6	0.7	0.6	0.6	1.1	0.7
1963	0.8	1.2	1.0	0.7	0.7	0.6	0.4	0.3	1.0	1.4	1.6	1.4	0.9
1964	0.5	0.5	0.8	0.9	0.6	0.5	0.7	0.7	1.0	1.0	0.9	1.0	0.8
1965	0.5	0.9	0.5	0.7	0.3	0.6	0.5	0.4	1.1	1.0	0.8	0.5	0.6
1966	0.6	1.0	0.6	0.6	0.8	0.6	0.9	0.7	0.5	0.7	0.7	0.6	0.7
1967	0.5	0.5	0.7	0.7	0.5	0.9	0.6	0.6	0.8	0.6	0.4	0.5	0.6
1968	0.6	0.2	0.3	0.2	0.3	1.0	0.8	0.7	0.7	1.0	0.5	0.3	0.6
1969	0.8	0.5	0.5	0.7	1.0	0.8	0.5	0.7	0.8	1.1	1.5	0.9	0.8
1970	0.7	0.5	0.8	0.7	0.6	0.5	0.4	0.5	0.4	1.3	0.3	0.4	0.6
1971	0.5	0.7	0.5	0.4	0.5	0.3	0.4	0.5	0.7	0.8	0.8	1.7	0.7
1972	0.8	0.7	0.6	0.6	1.1	0.8	0.8	0.5	0.5	1.1	0.7	0.7	0.7
1973	0.8	0.7	0.7	0.7	0.6	0.5	0.2	0.2	0.3	0.5	0.5	0.7	0.5
1974	0.5	0.5	0.4	0.4	0.4	0.3	0.2	0.2	0.3	1.1	0.6	0.4	0.4
1975	0.7	1.3	0.7	0.3	0.2	0.2	0.3	0.1	0.6	0.5	0.5	0.5	0.5
MEAN	0.6	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.7	0.9	0.8	0.7	

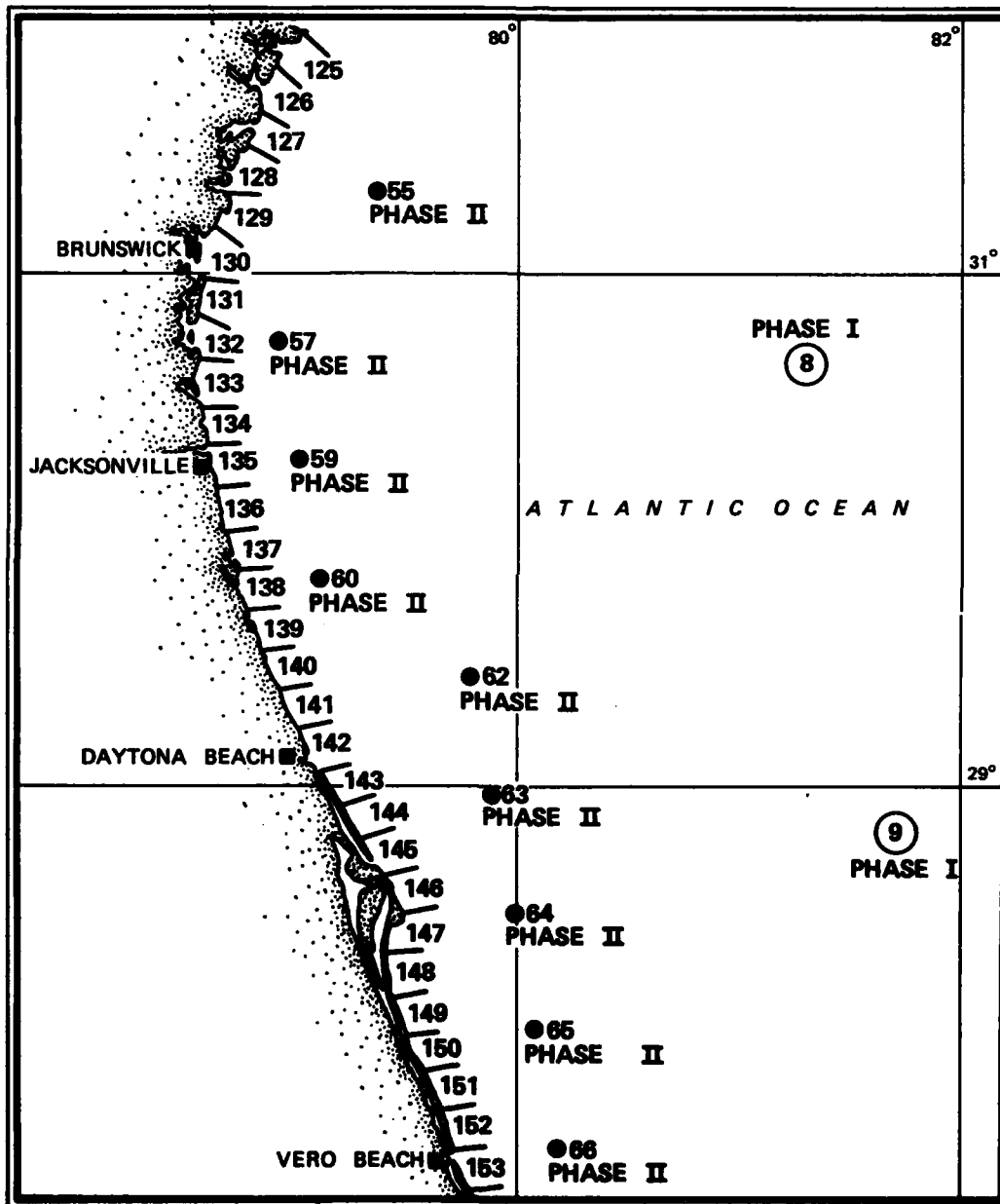
LARGEST HS(METRES) BY MONTH AND YEAR

STATION 124

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.5	2.7	1.4	2.1	2.2	1.0	1.1	1.0	2.6	2.2	1.9	1.4	
1957	1.8	3.0	1.8	2.6	1.4	1.3	1.4	1.8	2.3	2.1	2.3	2.2	
1958	2.7	2.4	2.7	2.7	2.2	1.3	1.0	1.1	2.0	2.3	1.6	2.8	
1959	2.6	2.5	2.8	2.0	1.9	1.4	2.8	1.1	3.6	3.1	2.3	2.5	
1960	2.3	2.9	2.8	2.1	1.5	1.3	2.4	1.0	3.5	1.3	2.2	2.1	
1961	3.3	2.8	2.8	2.6	1.8	2.0	1.1	1.6	1.8	2.2	1.9	2.3	
1962	2.2	2.1	3.2	2.3	1.2	1.9	1.1	2.5	2.5	2.2	2.7	2.6	
1963	2.1	2.7	2.2	2.1	2.3	1.4	1.0	1.4	2.9	3.1	2.7	2.9	
1964	2.3	2.1	1.9	2.3	1.5	2.2	2.0	2.4	3.2	2.7	2.4	2.2	
1965	1.4	3.0	1.8	2.3	1.3	1.6	1.1	1.2	2.2	2.7	1.6	1.4	
1966	3.1	3.0	2.4	1.8	2.0	2.5	2.3	1.4	1.7	1.8	2.1	1.9	
1967	2.0	2.0	2.0	2.1	1.3	2.0	1.7	2.0	2.0	1.6	1.9	2.4	
1968	2.3	1.5	2.5	0.9	1.3	2.7	1.5	1.2	1.1	2.4	1.8	2.1	
1969	2.0	2.7	2.6	2.2	2.2	2.0	1.0	1.7	2.1	2.9	4.0	2.6	
1970	2.4	2.7	2.2	1.8	2.0	1.3	1.3	2.0	1.4	2.8	2.2	2.4	
1971	2.1	2.3	2.6	2.1	2.2	0.8	1.0	1.5	1.6	3.3	2.1	3.3	
1972	1.9	2.1	2.3	2.1	2.7	2.9	2.4	0.9	1.6	2.5	2.3	2.3	
1973	2.5	2.9	2.4	1.9	2.0	1.8	0.6	0.9	2.0	1.6	2.3	2.7	
1974	1.8	2.1	1.1	2.1	2.0	0.6	0.6	0.6	1.6	2.6	2.3	2.5	
1975	2.5	2.9	2.5	1.4	1.0	1.3	0.8	0.7	2.4	2.0	2.0	2.6	

LARGEST HS(METRES) FOR STATION 124 = 4.0



STATION 125 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 42.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1035	1637	1966	1038	92	.	.	.	.	.	5768
0.50 - 0.99	.	.	147	5	.	.	.	.	.	.	152
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1035	1637	2113	1043	92	0	0	0	0	0	0

AVERAGE HS(M) = 0.20 LARGEST HS(M) = 0.70 ANGLE CLASS % = 5.9

STATION 125 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 42.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2212	3204	698	302	580	438	15	.	.	.	7449
0.50 - 0.99	.	864	3391	1546	537	1372	80	.	.	.	7790
1.00 - 1.49	.	.	152	651	501	261	150	1	.	.	2216
1.50 - 1.99	.	.	.	34	277	520	116	5	.	.	952
2.00 - 2.49	32	114	92	18	.	.	256
2.50 - 2.99	1	18	.	.	.	19
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2212	4068	4241	2533	1927	3206	471	24	0	0	0

AVERAGE HS(M) = 0.68 LARGEST HS(M) = 2.84 ANGLE CLASS % = 18.7

STATION 125 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 42.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	761	730	1211	50	669	730	203	15	68	6	3182
0.50 - 0.99	.	706	203	573	145	1002	603	6	11	.	3240
1.00 - 1.49	.	.	.	66	143	347	708	3	.	.	1240
1.50 - 1.99	53	207	100	1	.	.	406
2.00 - 2.49	17	88	23	.	.	126
2.50 - 2.99	1	8	.	.	9
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	761	1436	1414	698	1085	2491	974	55	79	6	0

AVERAGE HS(M) = 0.79 LARGEST HS(M) = 3.42 ANGLE CLASS % = 9.0

STATION 125 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 42.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	884	843	1685	66	646	1663	2402	296	513	1338	8585
0.50-0.99	1	929	246	660	114	2438	3129	1192	679	1416	11649
1.00-1.49	.	.	.	118	278	544	755	364	645	1305	4781
1.50-1.99	.	.	.	.	56	316	1500	273	398	366	1701
2.00-2.49	.	.	.	.	.	27	114	88	50	46	644
2.50-2.99	.	.	.	.	.	.	5	27	3	1	208
3.00-3.49	.	.	.	.	.	.	.	5	.	.	39
3.50-3.99	.	.	.	.	.	.	.	.	.	.	11
4.00-4.49	.	.	.	.	.	.	.	.	.	.	1
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	885	1772	1931	1044	1186	5297	6675	2041	2311	4476	

AVERAGE HS(M) = 0.79 LARGEST HS(M) = 4.00 ANGLE CLASS % = 27.6

STATION 125 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 42.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	843	1023	10	797	1100	2070	1894	200	157	27	7324
0.50-0.99	.	752	2501	1428	378	1895	1687	100	116	42	8308
1.00-1.49	.	.	290	47	1013	1509	564	22	18	3	4847
1.50-1.99	422	1351	284	11	1	.	2116
2.00-2.49	47	261	260	17	1	.	579
2.50-2.99	1	46	17	1	.	65
3.00-3.49	1	.	.	1
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	843	1815	2801	2272	2960	7087	4735	362	293	72	

AVERAGE HS(M) = 0.83 LARGEST HS(M) = 3.02 ANGLE CLASS % = 23.3

STATION 125 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 42.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	997	1911	1642	1362	1250	865	.	.	.	.	8027
0.50-0.99	.	157	1403	1038	535	201	.	.	.	.	3324
1.00-1.49	.	.	11	73	77	3	.	.	.	.	164
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	997	2068	3056	2473	1862	1069	0	0	0	0	

AVERAGE HS(M) = 0.36 LARGEST HS(M) = 1.35 ANGLE CLASS % = 11.5

MEAN HS(METRES) BY MONTH AND YEAR

STATION 125

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	1.0	0.4	0.6	0.7	0.5	0.4	0.2	0.5	0.8	0.7	0.4	0.5
1957	0.6	1.0	0.5	1.0	0.5	0.5	0.5	0.6	0.8	0.8	1.0	0.7	0.7
1958	0.6	0.4	0.6	0.8	0.6	0.6	0.5	0.3	0.7	1.2	1.1	1.1	0.7
1959	0.7	1.2	1.0	0.8	0.7	0.5	0.9	0.5	1.0	1.7	1.1	0.8	0.9
1960	0.5	0.9	0.8	0.7	0.5	0.6	0.5	0.4	1.0	0.6	0.7	0.5	0.6
1961	0.6	0.8	0.8	0.6	0.8	0.8	0.6	0.7	0.6	0.8	0.7	0.7	0.7
1962	0.8	0.8	0.9	0.7	0.4	0.7	0.4	0.6	0.7	0.6	0.7	1.0	0.7
1963	0.8	1.2	1.0	0.6	0.7	0.6	0.4	0.3	1.0	1.3	1.5	1.3	0.9
1964	0.6	0.5	0.8	0.9	0.6	0.5	0.7	0.6	1.0	1.0	0.9	1.0	0.8
1965	0.5	0.9	0.5	0.7	0.3	0.6	0.5	0.4	1.1	1.0	0.8	0.5	0.6
1966	0.6	1.0	0.6	0.6	0.8	0.6	0.9	0.7	0.5	0.7	0.7	0.6	0.7
1967	0.5	0.5	0.7	0.7	0.5	0.9	0.6	0.6	0.8	0.6	0.4	0.5	0.6
1968	0.6	0.2	0.3	0.2	0.3	1.0	0.8	0.7	0.7	1.0	0.5	0.3	0.6
1969	0.8	0.5	0.5	0.7	1.0	0.8	0.5	0.7	0.8	1.0	1.5	0.9	0.8
1970	0.7	0.5	0.8	0.7	0.6	0.5	0.4	0.5	0.4	1.2	0.3	0.4	0.6
1971	0.5	0.7	0.5	0.4	0.5	0.3	0.4	0.5	0.7	0.8	0.8	1.6	0.6
1972	0.8	0.7	0.6	0.6	1.1	0.7	0.8	0.5	0.5	1.1	0.7	0.7	0.7
1973	0.8	0.7	0.7	0.7	0.6	0.5	0.1	0.2	0.3	0.5	0.5	0.8	0.5
1974	0.5	0.5	0.4	0.4	0.4	0.3	0.2	0.2	0.3	1.1	0.6	0.4	0.4
1975	0.6	1.2	0.7	0.3	0.2	0.2	0.3	0.1	0.6	0.5	0.5	0.5	0.5
MEAN	0.6	0.8	0.7	0.6	0.6	0.6	0.5	0.5	0.7	0.9	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 125

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.4	2.6	1.5	2.2	2.1	1.0	1.1	1.0	2.5	2.1	1.9	1.3
1957	2.0	3.0	1.9	2.7	1.4	1.3	1.3	1.6	2.2	2.0	2.3	2.2
1958	2.7	2.4	2.6	2.7	2.2	1.3	1.0	1.1	2.0	2.1	1.8	2.8
1959	2.6	2.5	2.8	2.0	1.9	1.4	2.8	1.1	3.6	3.0	2.3	2.5
1960	2.3	2.9	2.8	2.1	1.5	1.4	2.3	1.0	3.4	1.3	2.1	2.1
1961	3.4	2.8	2.8	2.7	1.7	2.0	1.1	1.5	1.9	2.1	1.9	2.2
1962	2.1	2.1	3.0	2.3	1.2	1.9	1.1	2.5	2.5	2.2	2.8	2.4
1963	2.1	2.5	2.2	2.1	2.2	1.5	1.0	1.3	2.9	3.1	2.5	2.9
1964	2.3	2.2	1.9	2.3	1.5	2.1	1.9	2.4	3.1	2.7	2.4	2.1
1965	1.5	3.0	1.8	2.1	1.2	1.7	1.3	1.2	2.3	2.7	1.5	1.5
1966	3.2	3.0	2.4	1.8	2.0	2.5	2.2	1.5	1.7	1.8	2.2	2.0
1967	2.0	2.0	2.1	2.1	1.4	2.0	1.6	2.0	2.0	1.5	1.7	2.4
1968	2.2	1.5	2.5	0.9	1.3	2.6	1.5	1.2	1.1	2.4	1.9	2.1
1969	2.0	2.7	2.7	2.1	2.2	2.0	1.0	1.8	2.1	2.8	4.0	2.7
1970	2.4	2.7	2.1	1.9	2.0	1.3	1.4	1.9	1.3	2.8	2.0	2.4
1971	2.1	2.3	2.6	2.1	2.2	0.8	1.0	1.5	1.4	3.3	2.1	3.2
1972	1.9	2.1	2.3	2.1	2.7	2.9	2.3	0.9	1.6	2.3	2.4	2.5
1973	2.5	2.9	2.4	1.9	2.0	1.8	0.6	0.8	1.9	1.7	2.1	2.8
1974	1.9	2.1	1.0	2.1	2.1	0.6	0.6	0.6	1.7	2.6	2.3	2.5
1975	2.4	2.7	2.5	1.4	1.0	1.3	0.8	0.7	2.3	2.0	2.0	2.6

LARGEST HS(METRES) FOR STATION 125 = 4.0

MEAN HS(METRES) BY MONTH AND YEAR

STATION 126

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	1.0	0.4	0.5	0.8	0.5	0.3	0.2	0.5	0.9	0.7	0.4	0.6
1957	0.7	1.0	0.5	1.0	0.5	0.5	0.5	0.6	0.8	0.9	1.0	0.7	0.7
1958	0.6	0.3	0.6	0.8	0.6	0.6	0.4	0.3	0.7	1.3	1.2	1.2	0.7
1959	0.7	1.2	1.0	0.7	0.7	0.5	0.9	0.4	1.0	1.7	1.2	0.8	0.9
1960	0.5	0.8	0.8	0.7	0.5	0.5	0.5	0.4	1.0	0.6	0.7	0.5	0.6
1961	0.6	0.8	0.8	0.6	0.8	0.8	0.6	0.7	0.6	0.9	0.7	0.7	0.7
1962	0.7	0.7	0.9	0.7	0.4	0.7	0.4	0.6	0.7	0.7	0.6	1.2	0.7
1963	0.8	1.3	0.9	0.6	0.7	0.6	0.4	0.3	1.1	1.5	1.7	1.5	1.0
1964	0.5	0.4	0.7	0.9	0.6	0.5	0.7	0.6	1.1	1.1	0.9	1.0	0.8
1965	0.5	0.9	0.5	0.7	0.3	0.6	0.5	0.3	1.2	1.0	0.8	0.5	0.6
1966	0.6	1.0	0.6	0.6	0.8	0.6	0.9	0.7	0.5	0.7	0.8	0.6	0.7
1967	0.5	0.5	0.7	0.7	0.5	1.0	0.6	0.6	0.9	0.6	0.4	0.5	0.6
1968	0.7	0.2	0.3	0.2	0.3	1.0	0.8	0.7	0.7	1.0	0.5	0.3	0.5
1969	0.8	0.5	0.4	0.7	1.0	0.8	0.5	0.7	0.8	1.1	1.5	0.8	0.8
1970	0.7	0.5	0.8	0.6	0.6	0.5	0.4	0.5	0.5	1.3	0.3	0.4	0.6
1971	0.5	0.7	0.4	0.4	0.5	0.3	0.4	0.5	0.8	0.9	0.8	1.7	0.6
1972	0.7	0.7	0.6	0.5	1.1	0.7	0.8	0.5	0.5	1.2	0.7	0.7	0.7
1973	0.8	0.7	0.7	0.6	0.6	0.5	0.1	0.2	0.3	0.6	0.5	0.7	0.5
1974	0.5	0.4	0.3	0.4	0.4	0.3	0.2	0.2	0.3	1.2	0.6	0.4	0.4
1975	0.7	1.3	0.7	0.2	0.2	0.2	0.3	0.1	0.6	0.5	0.5	0.5	0.5
MEAN	0.6	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.7	1.0	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 126

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.6	2.8	1.3	1.9	2.4	1.0	1.0	1.1	2.3	2.5	2.2	1.3	
1957	2.0	2.9	1.7	2.4	1.4	1.3	1.4	2.0	2.3	2.1	2.4	2.1	
1958	2.7	2.3	2.7	2.7	2.3	1.3	1.0	1.0	2.1	2.4	1.8	2.8	
1959	2.4	2.7	2.7	1.9	1.8	1.3	2.8	1.1	3.7	3.2	2.4	2.8	
1960	2.1	2.9	2.7	2.0	1.7	1.4	2.1	0.9	3.4	1.4	2.2	2.3	
1961	3.2	2.6	2.8	2.4	1.7	1.7	1.1	1.7	2.0	2.3	2.0	2.4	
1962	2.1	2.2	3.4	2.1	1.4	2.0	1.0	2.5	2.7	2.4	2.5	2.8	
1963	2.1	3.0	2.2	2.3	2.4	1.6	1.0	1.4	3.1	3.4	2.8	3.2	
1964	2.3	2.0	1.9	2.3	1.8	2.3	2.0	2.4	3.4	2.8	2.6	2.3	
1965	1.6	2.9	2.0	2.4	1.2	1.8	1.4	1.2	2.5	3.0	1.7	1.6	
1966	3.1	2.8	2.0	1.7	2.0	2.5	2.3	1.6	1.7	1.9	2.4	2.2	
1967	2.0	2.1	2.2	2.1	1.6	2.2	1.4	2.0	1.9	1.7	1.8	2.1	
1968	2.8	1.3	2.4	0.8	1.3	2.8	1.5	1.3	1.1	2.5	1.6	1.7	
1969	2.1	2.9	2.5	2.3	2.2	2.0	0.9	1.9	2.2	3.1	4.0	2.5	
1970	2.4	2.4	2.2	1.7	2.0	1.4	1.3	1.9	1.4	2.7	2.3	2.3	
1971	2.1	2.2	2.4	2.1	2.2	0.9	1.0	1.4	1.8	3.6	2.2	3.4	
1972	1.9	2.3	2.1	2.2	2.9	2.8	2.5	0.9	1.8	2.5	2.2	2.3	
1973	2.7	2.7	2.1	1.7	1.9	1.8	0.6	0.7	2.0	1.9	1.8	2.4	
1974	2.0	2.0	0.9	1.9	1.8	0.6	0.5	0.6	2.0	2.9	2.3	2.4	
1975	2.1	3.2	2.4	1.4	0.9	1.4	0.7	0.8	2.6	2.2	2.1	2.5	

LARGEST HS(METRES) FOR STATION 126 = 4.0

STATION 127 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 25.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	3095	4673	2785	1558	330	118	.	.	.	.	12559
0.50 - 0.99	.	379	2157	1148	402	208	.	.	.	.	4291
1.00 - 1.49	.	.	18	147	118	1	.	.	.	.	291
1.50 - 1.99	1
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	3095	5052	4960	2853	851	331	0	0	0	0	0

AVERAGE HS(M) = 0.37 LARGEST HS(M) = 1.65 ANGLE CLASS % = 17.1

STATION 127 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 25.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1466	1406	1870	311	564	429	27	.	.	.	3892
0.50 - 0.99	.	990	165	298	425	1199	83	.	.	.	2509
1.00 - 1.49	.	.	195	32	486	771	147	.	.	.	2198
1.50 - 1.99	290	426	116	.	.	.	864
2.00 - 2.49	49	126	65	.	.	.	275
2.50 - 2.99	3	13	.	.	.	21
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1466	2396	2065	1041	1434	2954	481	13	0	0	0

AVERAGE HS(M) = 0.79 LARGEST HS(M) = 2.91 ANGLE CLASS % = 11.9

STATION 127 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 25.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	870	770	1220	53	1079	2606	2284	778	100	135	8622
0.50 - 0.99	.	704	191	576	88	1148	1315	75	301	20	4924
1.00 - 1.49	.	.	.	51	148	270	133	77	165	8	1490
1.50 - 1.99	34	122	49	.	10	.	370
2.00 - 2.49	10	58	.	.	.	200
2.50 - 2.99	79
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	870	1474	1411	680	1419	4270	3883	947	576	163	0

AVERAGE HS(M) = 0.58 LARGEST HS(M) = 3.20 ANGLE CLASS % = 15.7

STATION 127 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 25.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1158	1199	2092	1061	650	456	1812	590	487	1682	8034
0.50-0.99	.	1112	379	1060	54	775	2884	1644	1079	1316	10852
1.00-1.49	.	.	.	128	138	521	792	361	804	999	5054
1.50-1.99	.	.	.	.	321	511	773	90	301	367	2091
2.00-2.49	.	.	.	.	73	650	234	44	59	70	1287
2.50-2.99	.	.	.	.	.	29	17	94	17	34	408
3.00-3.49	.	.	.	.	.	.	.	56	22	15	110
3.50-3.99	.	.	.	.	.	.	.	.	1	1	2
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	1158	2311	2475	1294	1236	2945	6283	2879	2771	4488	0
TOTAL	1158	2311	2475	1294	1236	2945	6283	2879	2771	4488	0

AVERAGE HS(M) = 0.88 LARGEST HS(M) = 4.42 ANGLE CLASS % = 27.9

STATION 127 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 25.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1038	1418	78	10	918	2198	135	1	1	.	5797
0.50-0.99	.	792	2818	1461	160	1309	342	1	8	.	6891
1.00-1.49	.	.	258	1555	739	826	290	18	3	.	3689
1.50-1.99	.	.	.	71	419	847	207	13	15	.	1572
2.00-2.49	.	.	.	.	56	410	155	3	.	.	624
2.50-2.99	.	.	.	.	.	10	35	.	.	.	48
3.00-3.49	.	.	.	.	.	1	.	.	.	.	1
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	1038	2210	3154	3097	2292	5601	1164	39	27	0	0
TOTAL	1038	2210	3154	3097	2292	5601	1164	39	27	0	0

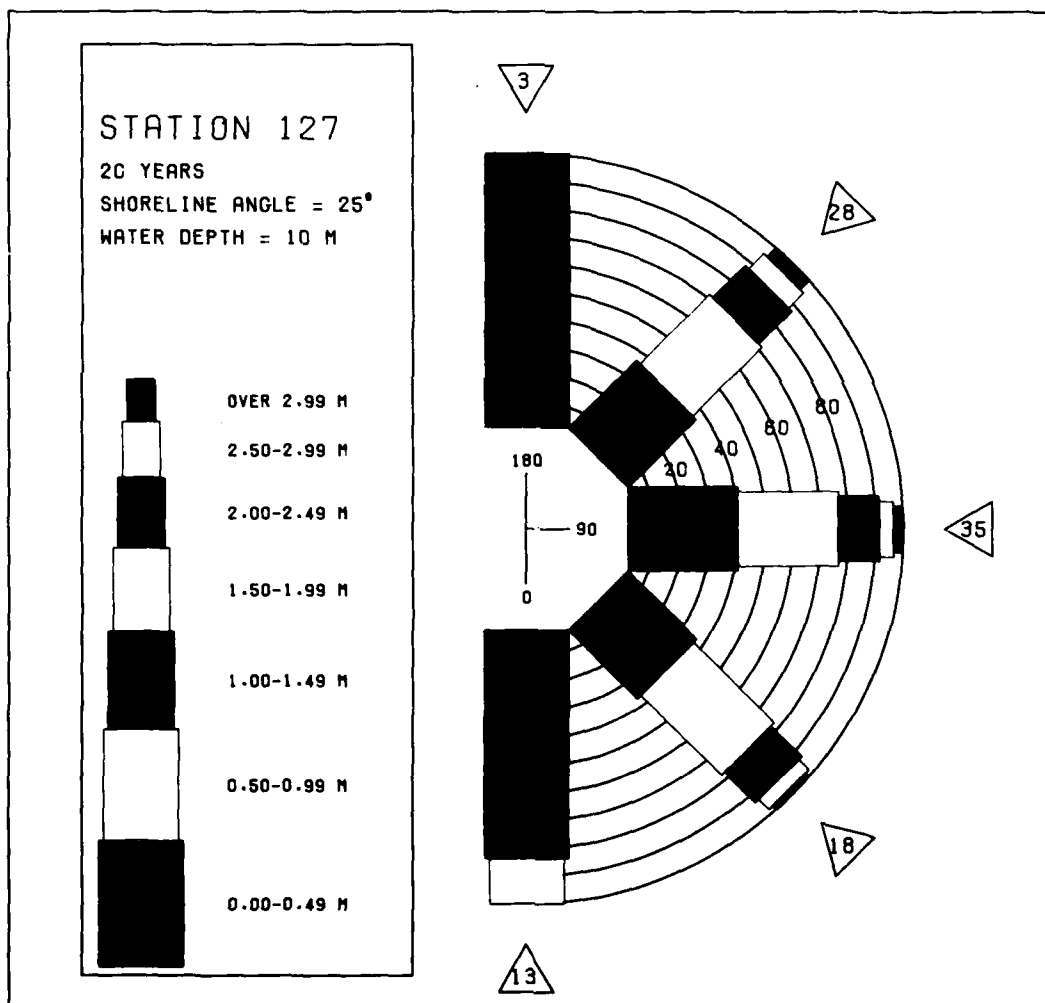
AVERAGE HS(M) = 0.83 LARGEST HS(M) = 3.27 ANGLE CLASS % = 18.6

STATION 127 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 25.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	547	942	1134	1897	598	10	.	.	.	.	5128
0.50-0.99	.	11	335	439	18	.	.	.	.	.	803
1.00-1.49	.	.	.	.	.	.	.	.	.	.	0
1.50-1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	547	953	1469	2337	616	10	0	0	0	0	0
TOTAL	547	953	1469	2337	616	10	0	0	0	0	0

AVERAGE HS(M) = 0.25 LARGEST HS(M) = 1.00 ANGLE CLASS % = 5.9

STATION 127 20 YEARS FOR ALL DIRECTIONS												TOTAL
SHORELINE ANGLE = 25.0 DEGREES AZIMUTH												
WATER DEPTH = 10.00 METRES												
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS												
HEIGHT(METRES)	PERIOD(SECONDS)											
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER	
0.0-0.49	817	1041	399	346	414	581	425	137	59	181	4400	
0.50-0.99	.	399	1049	351	87	464	440	172	138	133	3233	
1.00-1.49	.	.	104	404	145	239	136	45	97	100	1270	
1.50-1.99	.	.	.	28	118	189	74	10	32	36	487	
2.00-2.49	21	131	68	5	1	7	237	
2.50-2.99	5	34	11	2	3	54	
3.00-3.49	2	6	.	1	11	
3.50-3.99	0	
4.00-4.49	0	
4.50-4.99	0	
5.00- GREATER	0	
TOTAL	817	1440	1552	1129	785	1609	1179	386	334	461	58440	
AVE HS(M) = 0.66 LARGEST HS(M) = 4.42 TOTAL CASES = 58440												



MEAN HS(METRES) BY MONTH AND YEAR

STATION 127

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.7	0.4	0.5	0.8	0.5	0.3	0.2	0.6	1.1	0.7	0.4	0.6
1957	0.7	0.9	0.5	1.0	0.5	0.5	0.4	0.6	0.8	0.9	1.0	0.6	0.7
1958	0.7	0.4	0.6	0.8	0.6	0.5	0.5	0.3	0.7	1.5	1.3	1.4	0.8
1959	1.0	1.3	1.2	0.8	0.7	0.5	0.7	0.4	1.1	1.4	1.1	0.9	0.9
1960	0.5	0.9	0.8	0.7	0.5	0.6	0.5	0.5	1.0	0.6	0.7	0.6	0.7
1961	0.7	0.8	0.7	0.7	0.7	0.7	0.4	0.6	0.7	1.0	0.7	0.7	0.7
1962	0.8	0.7	1.0	0.7	0.4	0.6	0.4	0.6	0.7	0.8	0.8	0.7	0.7
1963	0.7	1.4	0.9	0.7	0.7	0.5	0.4	0.3	1.0	1.3	1.0	0.8	0.8
1964	0.6	0.5	0.7	0.8	0.9	0.8	0.9	0.8	1.1	1.1	0.9	0.9	0.8
1965	0.5	0.9	0.6	0.8	0.3	0.6	0.5	0.4	1.2	1.1	0.8	0.4	0.7
1966	0.7	1.0	0.7	0.6	0.8	0.6	0.7	0.5	0.5	0.8	0.9	0.5	0.7
1967	0.5	0.6	0.7	0.7	0.5	0.9	0.5	0.5	0.9	0.7	0.5	0.5	0.6
1968	0.6	0.2	0.3	0.2	0.3	0.8	0.5	0.5	0.5	0.8	0.4	0.3	0.5
1969	0.8	0.6	0.5	0.8	0.9	0.6	0.4	0.7	0.8	1.2	1.1	0.7	0.8
1970	0.7	0.6	0.8	0.6	0.6	0.5	0.4	0.5	0.4	1.3	0.4	0.4	0.6
1971	0.5	0.7	0.5	0.4	0.4	0.2	0.4	0.4	0.6	0.8	0.9	1.7	0.6
1972	0.7	0.8	0.6	0.6	1.0	0.6	0.5	0.3	0.5	1.3	0.9	0.7	0.7
1973	0.8	0.7	0.8	0.7	0.5	0.5	0.2	0.2	0.3	0.7	0.5	0.7	0.5
1974	0.5	0.5	0.3	0.4	0.3	0.2	0.2	0.2	0.4	1.3	0.7	0.4	0.5
1975	0.6	1.0	0.6	0.3	0.2	0.2	0.3	0.1	0.5	0.5	0.6	0.6	0.5
MEAN	0.7	0.8	0.7	0.6	0.6	0.6	0.5	0.4	0.7	1.0	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 127

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.3	3.0	2.0	2.2	2.6	1.0	1.0	0.7	2.2	3.0	2.3	1.3
1957	2.0	3.0	1.5	2.6	1.4	1.3	1.3	1.5	2.1	2.4	2.6	2.2
1958	2.6	1.8	2.6	2.5	2.3	1.5	1.0	1.0	1.8	2.5	2.0	2.9
1959	2.4	3.1	2.6	1.8	1.7	1.4	2.1	1.1	3.3	3.0	2.4	2.8
1960	2.1	3.0	2.7	1.9	1.7	1.4	2.1	1.1	2.9	1.4	2.1	2.3
1961	3.2	2.7	2.5	2.4	1.6	1.9	1.1	1.7	2.1	2.3	2.2	2.2
1962	2.3	1.5	3.6	2.2	1.4	1.8	1.0	2.3	2.8	2.4	3.4	2.6
1963	2.2	3.4	2.4	2.2	2.3	1.7	1.0	1.4	3.1	3.4	2.9	3.3
1964	2.3	2.2	1.7	2.5	2.1	1.6	2.1	2.4	4.1	2.9	2.6	2.5
1965	1.6	2.9	1.9	2.4	0.9	1.8	1.0	1.2	2.5	3.4	2.0	1.6
1966	3.0	2.7	1.9	1.4	2.3	2.5	2.4	1.3	1.9	2.1	3.1	2.3
1967	1.6	1.8	2.3	2.1	1.3	2.3	1.3	1.3	2.0	1.7	2.2	2.3
1968	2.3	1.7	2.3	0.9	1.4	3.1	1.4	1.1	1.1	2.4	2.0	2.5
1969	2.2	2.4	2.4	2.3	2.4	1.9	0.8	1.7	2.3	3.0	4.4	2.4
1970	2.6	2.7	2.2	2.2	1.8	1.4	1.3	2.1	1.5	3.1	1.5	2.2
1971	1.8	2.2	2.4	1.4	2.0	0.7	1.3	1.4	1.8	3.3	2.3	3.5
1972	2.1	2.4	2.1	2.0	2.8	2.8	2.2	0.8	1.8	2.8	2.3	2.2
1973	2.8	3.0	2.4	1.8	1.8	1.9	0.6	0.9	2.1	2.0	2.2	2.5
1974	2.1	1.7	1.1	2.0	2.2	0.9	0.5	0.5	2.1	3.2	2.2	2.3
1975	2.5	2.9	2.2	1.4	0.9	1.4	0.7	0.7	2.6	2.2	2.2	2.6

LARGEST HS(METRES) FOR STATION 127 = 4.4

MEAN HS(METRES) BY MONTH AND YEAR

STATION 128

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.8	0.4	0.5	0.8	0.5	0.3	0.2	0.6	1.2	0.8	0.4	0.6
1957	0.7	1.0	0.5	0.9	0.5	0.5	0.4	0.6	0.8	0.9	1.0	0.6	0.7
1958	0.7	0.4	0.6	0.8	0.6	0.5	0.4	0.3	0.7	1.6	1.4	1.4	0.8
1959	1.0	1.3	1.2	0.8	0.7	0.5	0.7	0.4	1.1	1.4	1.2	0.9	0.9
1960	0.6	0.9	0.8	0.7	0.5	0.6	0.5	0.5	1.0	0.6	0.8	0.7	0.7
1961	0.7	0.8	0.7	0.7	0.7	0.7	0.4	0.6	0.7	1.0	0.8	0.7	0.7
1962	0.8	0.8	1.0	0.7	0.4	0.6	0.3	0.6	0.7	0.8	0.9	0.7	0.7
1963	0.8	1.4	0.9	0.8	0.7	0.5	0.4	0.3	1.1	1.4	1.0	0.8	0.8
1964	0.6	0.5	0.7	0.8	0.9	0.8	0.9	0.8	1.2	1.2	0.9	1.0	0.9
1965	0.6	0.9	0.6	0.8	0.3	0.6	0.5	0.4	1.2	1.2	0.9	0.5	0.7
1966	0.8	1.0	0.7	0.6	0.8	0.7	0.7	0.5	0.5	0.8	1.0	0.5	0.7
1967	0.5	0.6	0.7	0.7	0.5	0.9	0.5	0.5	1.0	0.7	0.5	0.5	0.6
1968	0.6	0.3	0.3	0.2	0.3	0.8	0.5	0.5	0.5	0.8	0.4	0.4	0.5
1969	0.9	0.7	0.5	0.8	0.9	0.6	0.4	0.7	0.8	1.3	1.1	0.7	0.8
1970	0.8	0.6	0.8	0.6	0.6	0.5	0.4	0.5	0.4	1.3	0.4	0.4	0.6
1971	0.5	0.7	0.5	0.4	0.4	0.2	0.4	0.4	0.7	0.8	0.9	1.7	0.6
1972	0.8	0.8	0.6	0.6	1.0	0.6	0.5	0.3	0.5	1.3	0.9	0.7	0.7
1973	0.8	0.8	0.8	0.7	0.5	0.5	0.1	0.2	0.4	0.8	0.5	0.7	0.6
1974	0.5	0.5	0.3	0.4	0.3	0.2	0.2	0.2	0.4	1.4	0.7	0.4	0.5
1975	0.6	1.0	0.6	0.3	0.2	0.2	0.3	0.1	0.5	0.5	0.6	0.6	0.5
MEAN	0.7	0.8	0.7	0.6	0.6	0.6	0.4	0.4	0.7	1.0	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 128

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	3.1	2.0	2.1	2.7	1.0	1.0	0.7	2.1	3.2	2.4	1.2	
1957	2.0	2.9	1.5	2.5	1.4	1.3	1.2	1.6	2.2	2.5	2.7	2.2	
1958	2.6	1.8	2.6	2.5	2.3	1.5	1.0	1.0	1.9	2.8	2.0	2.9	
1959	2.3	3.1	2.6	1.7	1.7	1.4	2.1	1.1	3.4	3.0	2.5	2.8	
1960	2.1	3.0	2.7	2.0	1.8	1.5	2.1	1.1	3.0	1.4	2.1	2.4	
1961	3.2	2.7	2.5	2.4	1.6	1.7	1.1	1.7	2.3	2.3	2.2	2.2	
1962	2.2	2.0	3.7	2.1	1.4	1.8	1.0	2.3	2.9	2.4	3.5	2.7	
1963	2.4	3.6	2.4	2.3	2.3	1.7	1.0	1.4	3.3	3.5	2.9	3.3	
1964	2.2	2.2	1.7	2.5	2.2	1.6	2.1	2.4	4.1	3.0	2.6	2.6	
1965	1.7	2.9	2.0	2.5	0.9	1.9	1.2	1.3	2.5	3.4	2.1	1.8	
1966	3.0	2.8	2.0	1.4	2.3	2.5	2.4	1.4	1.9	2.1	3.1	2.4	
1967	1.7	2.0	2.3	2.1	1.3	2.3	1.3	1.3	2.1	1.8	2.3	2.3	
1968	2.3	1.3	2.3	0.9	1.4	3.1	1.4	1.1	1.2	2.4	1.8	2.2	
1969	2.2	2.4	2.4	2.4	2.4	1.9	0.8	1.8	2.3	3.0	4.6	2.4	
1970	2.6	2.7	2.2	2.0	1.8	1.4	1.3	2.1	1.6	3.1	1.7	2.1	
1971	1.8	2.2	2.4	1.4	2.0	0.7	1.3	1.4	1.9	3.3	2.4	3.7	
1972	2.2	2.5	2.1	2.2	3.0	2.8	2.3	0.8	2.0	2.8	2.3	2.2	
1973	2.9	3.0	2.3	1.8	1.8	1.9	0.6	0.9	2.1	2.1	2.3	2.5	
1974	2.1	1.7	1.2	2.0	2.2	0.8	0.5	0.5	2.3	3.2	2.2	2.2	
1975	2.5	2.9	2.2	1.4	0.9	1.4	0.7	0.7	2.7	2.2	2.2	2.6	

LARGEST HS(METRES) FOR STATION 128 = 4.6

STATION 129 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 24.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1141	1187			684	494	2065	610	506	1846	8533
0.50 - 0.99		1088			46	805	2630	1844	1064	1293	10771
1.00 - 1.49			2094	97	133	501	2630	1844	1064	1293	5014
1.50 - 1.99			407	1042	133	520	378	355	821	377	2117
2.00 - 2.49				126	335	520	378	355	821	377	1279
2.50 - 2.99					85	643	374	44	65	68	416
3.00 - 3.49						32	237	17	22	15	112
3.50 - 3.99											7
4.00 - 4.49											2
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	1141	2275	2501	1265	1283	2995	6498	2892	2788	4612	

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 4.42 ANGLE CLASS % = 28.3

STATION 129 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 24.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	884	1038	5		1221	2580	124	1	1		5854
0.50 - 0.99		896			90	1192	284				5734
1.00 - 1.49			2450	814	723	713	278				3916
1.50 - 1.99			337	1844	777	778	208	18	13		1617
2.00 - 2.49				130	61	520	179	5	1		762
2.50 - 2.99						18	47				70
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	884	1934	2792	2788	2572	5802	1120	36	26	0	

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 3.27 ANGLE CLASS % = 18.0

STATION 129 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 24.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	783	1372	1197	1928	811	15					6106
0.50 - 0.99		100	954	1359	119	6					2508
1.00 - 1.49			15	220	18						253
1.50 - 1.99											0
2.00 - 2.49											0
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	783	1472	2166	3477	948	21	0	0	0	0	

AVERAGE HS(M) = 0.37 LARGEST HS(M) = 1.47 ANGLE CLASS % = 8.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 129

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.7	0.4	0.5	0.8	0.5	0.2	0.2	0.6	1.1	0.8	0.4	0.5
1957	0.7	0.9	0.5	0.9	0.5	0.5	0.4	0.6	0.8	0.9	1.0	0.6	0.7
1958	0.7	0.3	0.6	0.7	0.6	0.5	0.4	0.3	0.7	1.5	1.3	1.4	0.8
1959	1.0	1.3	1.2	0.8	0.6	0.5	0.7	0.4	1.1	1.4	1.1	0.9	0.9
1960	0.5	0.9	0.8	0.6	0.4	0.5	0.4	0.4	1.0	0.6	0.8	0.6	0.6
1961	0.7	0.8	0.7	0.6	0.7	0.6	0.4	0.6	0.7	1.0	0.7	0.7	0.7
1962	0.8	0.7	1.0	0.7	0.4	0.6	0.3	0.5	0.7	0.8	0.8	0.7	0.7
1963	0.7	1.4	0.9	0.7	0.7	0.5	0.3	0.3	1.1	1.4	1.0	0.8	0.8
1964	0.5	0.5	0.7	0.8	0.9	0.8	0.9	0.7	1.2	1.2	0.9	0.9	0.8
1965	0.5	0.9	0.5	0.8	0.2	0.6	0.4	0.3	1.2	1.2	0.8	0.5	0.7
1966	0.7	1.0	0.7	0.6	0.8	0.6	0.7	0.5	0.5	0.8	1.0	0.5	0.7
1967	0.5	0.5	0.7	0.7	0.4	0.9	0.5	0.4	0.9	0.7	0.5	0.5	0.6
1968	0.6	0.3	0.3	0.2	0.3	0.8	0.5	0.5	0.5	0.8	0.4	0.3	0.5
1969	0.8	0.6	0.4	0.7	0.9	0.6	0.4	0.7	0.8	1.3	1.1	0.6	0.7
1970	0.7	0.6	0.7	0.6	0.6	0.4	0.3	0.4	0.4	1.3	0.4	0.4	0.6
1971	0.5	0.7	0.4	0.4	0.4	0.2	0.3	0.4	0.7	0.8	0.9	1.7	0.6
1972	0.7	0.8	0.6	0.5	1.0	0.6	0.5	0.3	0.5	1.3	0.9	0.7	0.7
1973	0.8	0.7	0.7	0.6	0.5	0.5	0.1	0.2	0.3	0.7	0.5	0.7	0.5
1974	0.5	0.4	0.3	0.4	0.3	0.2	0.2	0.2	0.4	1.3	0.7	0.4	0.4
1975	0.5	1.0	0.6	0.3	0.1	0.2	0.3	0.1	0.5	0.5	0.6	0.6	0.4
MEAN	0.6	0.8	0.6	0.6	0.6	0.5	0.4	0.4	0.7	1.0	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 129

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	3.0	1.8	2.0	2.7	1.0	1.0	0.7	2.2	3.1	2.4	1.1	
1957	2.0	3.0	1.5	2.6	1.4	1.3	1.2	1.5	2.1	2.5	2.6	2.2	
1958	2.6	1.7	2.6	2.5	2.3	1.5	1.0	1.0	1.8	2.6	2.0	2.9	
1959	2.3	3.1	2.6	1.7	1.7	1.3	2.1	1.1	3.3	3.0	2.5	2.8	
1960	2.0	3.0	2.7	1.9	1.7	1.4	1.9	0.9	2.9	1.4	2.1	2.3	
1961	3.2	2.7	2.5	2.4	1.6	1.6	1.1	1.7	2.2	2.3	2.2	2.2	
1962	2.2	1.9	3.7	2.1	1.4	1.8	0.9	2.3	2.8	2.4	3.4	2.7	
1963	2.2	3.4	2.4	2.3	2.3	1.7	1.0	1.3	3.1	3.5	2.9	3.3	
1964	2.3	2.2	1.6	2.5	2.1	1.6	2.1	2.4	4.1	2.9	2.6	2.5	
1965	1.6	2.9	2.0	2.4	0.9	1.8	1.2	1.3	2.5	3.4	2.0	1.8	
1966	3.0	2.8	1.9	1.4	2.3	2.5	2.4	1.3	1.9	2.1	3.1	2.3	
1967	1.6	1.9	2.3	2.1	1.3	2.3	1.2	1.3	2.1	1.7	2.3	2.3	
1968	2.3	1.2	2.3	0.9	1.4	3.1	1.4	1.1	1.1	2.4	1.8	2.3	
1969	2.2	2.4	2.3	2.3	2.4	1.9	0.8	1.8	2.3	3.0	4.4	2.4	
1970	2.6	2.7	2.2	2.1	1.8	1.4	1.3	2.1	1.5	3.1	1.7	2.1	
1971	1.8	2.2	2.4	1.4	1.9	0.7	1.3	1.4	1.9	3.3	2.4	3.6	
1972	2.1	2.5	1.9	2.1	2.9	2.8	2.2	0.8	1.9	2.8	2.3	2.2	
1973	2.9	3.0	2.4	1.7	1.8	1.9	0.5	0.9	2.1	2.1	2.2	2.4	
1974	2.1	1.7	1.1	1.9	2.2	0.9	0.5	0.5	2.1	3.2	2.2	2.3	
1975	2.5	2.9	2.2	1.4	0.8	1.4	0.7	0.7	2.6	2.2	2.2	2.5	

LARGEST HS(METRES) FOR STATION 129 = 4.4

STATION 130 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 14.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1447	2268	2138	999	165	.	.	.	.	.	7017
0.50 - 0.99	.	.	63	3	.	.	.	.	.	.	66
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1447	2268	2201	1002	165	0	0	0	0	0	

AVERAGE HS(M) = 0.16 LARGEST HS(M) = 0.68 ANGLE CLASS % = 7.1

STATION 130 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 14.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2144	2953	578	181	1504	946	188	1	.	.	8495
0.50 - 0.99	.	722	2578	856	482	1235	119	1	.	.	6095
1.00 - 1.49	.	.	85	56	190	224	110	1	.	.	1710
1.50 - 1.99	.	.	.	15	140	220	106	4	.	.	484
2.00 - 2.49	29	42	42	1	.	.	118
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2144	3675	3238	1648	2545	3057	586	12	0	0	

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 2.63 ANGLE CLASS % = 16.9

STATION 130 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 14.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	977	836	1386	54	1391	3456	2982	800	220	198	10860
0.50 - 0.99	.	776	217	619	65	1090	1264	61	321	22	5039
1.00 - 1.49	.	.	.	61	75	265	130	78	159	8	1551
1.50 - 1.99	154	162	58	5	8	.	443
2.00 - 2.49	25	147	65	15	.	.	243
2.50 - 2.99	10	5	1	.	.	79
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	977	1612	1603	734	1710	5130	4558	960	708	228	

AVERAGE HS(M) = 0.55 LARGEST HS(M) = 3.20 ANGLE CLASS % = 18.2

MEAN HS(METRES) BY MONTH AND YEAR

STATION 130

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.7	0.3	0.4	0.8	0.5	0.2	0.2	0.6	1.2	0.8	0.4	0.5
1957	0.7	0.9	0.5	0.9	0.5	0.5	0.4	0.6	0.8	0.9	1.0	0.6	0.7
1958	0.7	0.3	0.5	0.7	0.6	0.4	0.4	0.3	0.7	1.6	1.4	1.4	0.7
1959	1.0	1.3	1.1	0.8	0.6	0.5	0.7	0.4	1.1	1.4	1.1	0.9	0.9
1960	0.5	0.8	0.7	0.6	0.4	0.5	0.4	0.4	1.0	0.6	0.8	0.6	0.6
1961	0.7	0.8	0.7	0.5	0.6	0.6	0.4	0.6	0.7	1.0	0.7	0.6	0.6
1962	0.8	0.7	1.0	0.6	0.3	0.5	0.3	0.5	0.7	0.8	0.8	0.7	0.6
1963	0.7	1.4	0.9	0.7	0.7	0.5	0.3	0.3	1.1	1.4	1.0	0.8	0.8
1964	0.5	0.4	0.6	0.8	0.9	0.8	0.9	0.7	1.2	1.2	0.9	0.9	0.8
1965	0.5	0.9	0.5	0.7	0.2	0.6	0.4	0.3	1.3	1.2	0.8	0.5	0.6
1966	0.7	1.0	0.7	0.5	0.7	0.6	0.7	0.5	0.4	0.8	1.0	0.5	0.7
1967	0.4	0.5	0.7	0.7	0.4	0.9	0.4	0.4	0.9	0.7	0.4	0.5	0.6
1968	0.6	0.2	0.3	0.2	0.3	0.8	0.5	0.5	0.5	0.8	0.3	0.3	0.4
1969	0.8	0.6	0.4	0.7	0.9	0.6	0.3	0.6	0.8	1.3	1.1	0.6	0.7
1970	0.7	0.5	0.7	0.5	0.6	0.4	0.3	0.4	0.4	1.3	0.4	0.4	0.6
1971	0.4	0.6	0.4	0.3	0.4	0.1	0.3	0.4	0.7	0.8	0.9	1.7	0.6
1972	0.7	0.8	0.5	0.5	1.0	0.6	0.5	0.3	0.5	1.3	0.8	0.6	0.7
1973	0.8	0.7	0.7	0.5	0.4	0.4	0.1	0.2	0.3	0.7	0.4	0.6	0.5
1974	0.5	0.3	0.3	0.4	0.3	0.2	0.1	0.2	0.4	1.4	0.7	0.4	0.4
1975	0.5	1.0	0.6	0.2	0.1	0.2	0.3	0.1	0.5	0.5	0.6	0.5	0.4
MEAN	0.6	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.7	1.0	0.8	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 130

MONTH

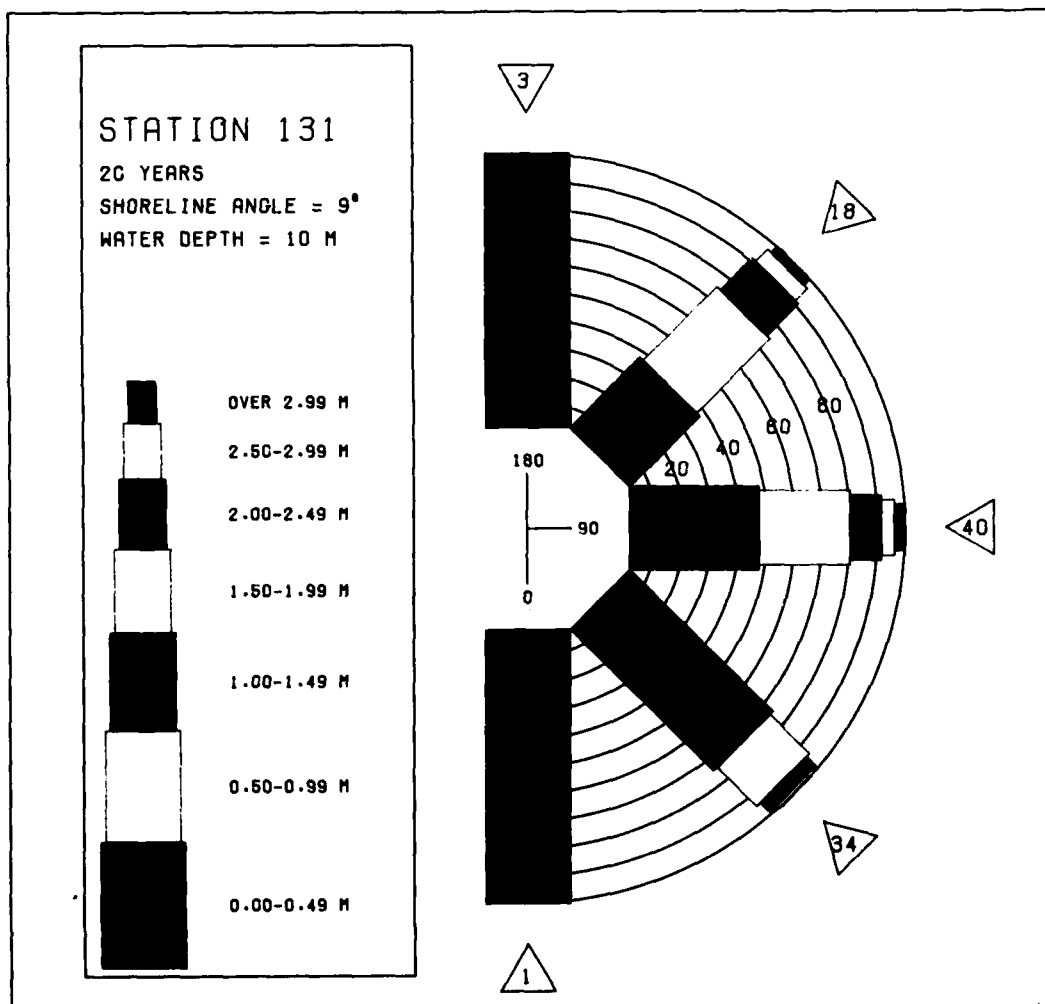
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.3	3.1	1.5	1.7	2.7	1.0	1.0	0.7	2.2	3.2	2.6	1.2
1957	2.1	2.9	1.4	2.5	1.4	1.3	1.2	1.6	2.2	2.5	2.7	2.2
1958	2.5	1.5	2.6	2.5	2.3	1.5	1.0	0.9	1.9	2.7	2.1	2.9
1959	2.4	3.2	2.6	1.6	1.7	1.2	2.1	1.1	3.4	3.1	2.6	2.9
1960	2.0	3.0	2.7	2.0	1.8	1.5	1.7	0.9	3.0	1.3	2.1	2.4
1961	3.2	2.6	2.5	2.3	1.6	1.6	1.1	1.7	2.2	2.3	2.3	2.2
1962	2.2	2.0	3.8	2.1	1.5	1.8	0.8	2.3	2.9	2.5	3.6	2.8
1963	2.3	3.6	2.5	2.4	2.4	1.7	0.9	1.3	3.3	3.7	2.9	3.3
1964	2.2	2.2	1.5	2.6	2.3	1.6	2.1	2.4	4.3	3.0	2.6	2.6
1965	1.7	2.7	2.1	2.4	0.9	1.9	1.2	1.3	2.5	3.6	2.1	1.9
1966	2.9	2.9	2.0	1.4	2.4	2.4	2.4	1.4	1.9	2.1	3.3	2.5
1967	1.7	2.0	2.4	2.1	1.4	2.4	1.0	1.2	2.2	1.8	2.3	2.2
1968	2.5	1.0	2.3	0.9	1.4	3.1	1.4	1.1	1.1	2.4	1.5	1.9
1969	2.2	2.5	2.3	2.4	2.4	1.8	0.8	1.8	2.4	3.1	4.6	2.2
1970	2.7	2.3	2.2	1.8	1.8	1.4	1.3	2.1	1.6	3.3	1.7	2.1
1971	1.9	2.2	2.4	1.4	1.7	0.7	1.3	1.4	2.0	3.5	2.4	3.7
1972	2.2	2.5	1.9	2.2	3.0	2.7	2.3	0.8	1.9	2.9	2.4	2.1
1973	3.0	3.1	2.2	1.5	1.7	1.9	0.4	0.9	2.1	2.2	2.3	2.4
1974	2.2	1.4	1.2	1.7	2.2	0.8	0.5	0.4	2.3	3.3	2.1	2.2
1975	2.5	3.0	2.1	1.4	0.7	1.4	0.7	0.7	2.7	2.1	2.3	2.4

LARGEST HS(METRES) FOR STATION 130 = 4.6

STATION 131 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 9.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER	
0.0-0.49	925	1097	387	286	664	970	643	95	175	207		5449
0.50-0.99	.	375	564	321	76	306	247	86	152	125		2692
1.00-1.49	.	.	95	440	102	111	75	11	51	25		916
1.50-1.99	.	.	.	39	133	185	30	7	14	5		336
2.00-2.49	24	127	3	2	3	1		134
2.50-2.99	25	.	.	.	.		34
3.00-3.49		1
3.50-3.99		0
4.00-4.49		0
4.50-4.99		0
5.00-5.99		0
6.00-6.99		0
7.00-7.99		0
8.00-8.99		0
9.00-9.99		0
10.00-10.99		0
11.00-11.99		0
12.00-12.99		0
13.00-13.99		0
14.00-14.99		0
15.00-15.99		0
16.00-16.99		0
17.00-17.99		0
18.00-18.99		0
19.00-19.99		0
20.00-20.99		0
21.00-21.99		0
22.00-22.99		0
23.00-23.99		0
24.00-24.99		0
25.00-25.99		0
26.00-26.99		0
27.00-27.99		0
28.00-28.99		0
29.00-29.99		0
30.00-30.99		0
31.00-31.99		0
32.00-32.99		0
33.00-33.99		0
34.00-34.99		0
35.00-35.99		0
36.00-36.99		0
37.00-37.99		0
38.00-38.99		0
39.00-39.99		0
40.00-40.99		0
41.00-41.99		0
42.00-42.99		0
43.00-43.99		0
44.00-44.99		0
45.00-45.99		0
46.00-46.99		0
47.00-47.99		0
48.00-48.99		0
49.00-49.99		0
50.00-50.99		0
51.00-51.99		0
52.00-52.99		0
53.00-53.99		0
54.00-54.99		0
55.00-55.99		0
56.00-56.99		0
57.00-57.99		0
58.00-58.99		0
59.00-59.99		0
60.00-60.99		0
61.00-61.99		0
62.00-62.99		0
63.00-63.99		0
64.00-64.99		0
65.00-65.99		0
66.00-66.99		0
67.00-67.99		0
68.00-68.99		0
69.00-69.99		0
70.00-70.99		0
71.00-71.99		0
72.00-72.99		0
73.00-73.99		0
74.00-74.99		0
75.00-75.99		0
76.00-76.99		0
77.00-77.99		0
78.00-78.99		0
79.00-79.99		0
80.00-80.99		0
81.00-81.99		0
82.00-82.99		0
83.00-83.99		0
84.00-84.99		0
85.00-85.99		0
86.00-86.99		0
87.00-87.99		0
88.00-88.99		0
89.00-89.99		0
90.00-90.99		0
91.00-91.99		0
92.00-92.99		0
93.00-93.99		0
94.00-94.99		0
95.00-95.99		0
96.00-96.99		0
97.00-97.99		0
98.00-98.99		0
99.00-99.99		0
TOTAL	925	1472	1446	1086	999	1624	1052	224	437	360		58440

AVE HS(M) = 0.55 LARGEST HS(M) = 3.78 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 131

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.5	0.3	0.3	0.7	0.4	0.2	0.1	0.5	1.0	0.7	0.3	0.4
1957	0.6	0.8	0.4	0.8	0.4	0.4	0.3	0.4	0.6	0.9	0.9	0.6	0.6
1958	0.7	0.3	0.5	0.6	0.6	0.3	0.3	0.3	0.6	1.1	0.9	1.1	0.6
1959	0.7	0.9	0.9	0.7	0.6	0.4	0.5	0.3	1.0	1.0	1.0	0.9	0.7
1960	0.5	0.7	0.7	0.6	0.3	0.4	0.3	0.4	1.0	0.7	0.7	0.6	0.6
1961	0.7	0.7	0.6	0.5	0.5	0.5	0.3	0.5	0.6	0.9	0.7	0.5	0.6
1962	0.8	0.6	0.8	0.5	0.3	0.4	0.2	0.4	0.5	0.7	0.8	0.6	0.6
1963	0.6	1.1	0.8	0.6	0.5	0.4	0.2	0.2	0.9	1.1	0.7	0.6	0.6
1964	0.5	0.4	0.6	0.6	0.6	0.5	0.6	0.6	1.1	1.2	0.9	0.8	0.7
1965	0.5	0.8	0.5	0.6	0.2	0.5	0.3	0.2	1.1	1.0	0.8	0.5	0.6
1966	0.7	0.9	0.6	0.5	0.6	0.7	0.6	0.4	0.4	0.7	0.9	0.5	0.6
1967	0.4	0.4	0.7	0.6	0.4	0.6	0.3	0.3	0.8	0.6	0.5	0.5	0.5
1968	0.6	0.2	0.3	0.2	0.3	0.6	0.3	0.3	0.4	0.7	0.3	0.3	0.4
1969	0.8	0.5	0.4	0.7	0.8	0.4	0.3	0.6	0.7	1.2	0.8	0.5	0.6
1970	0.7	0.6	0.6	0.5	0.5	0.4	0.2	0.3	0.4	1.2	0.3	0.3	0.5
1971	0.4	0.6	0.3	0.3	0.3	0.1	0.2	0.3	0.6	0.7	0.8	1.3	0.5
1972	0.7	0.7	0.5	0.5	0.8	0.6	0.4	0.2	0.5	1.1	0.7	0.5	0.6
1973	0.8	0.7	0.7	0.5	0.3	0.4	0.1	0.2	0.3	0.8	0.5	0.5	0.5
1974	0.5	0.4	0.2	0.4	0.3	0.2	0.2	0.2	0.4	1.2	0.7	0.4	0.4
1975	0.5	0.6	0.4	0.3	0.1	0.1	0.2	0.1	0.4	0.5	0.6	0.5	0.4
MEAN	0.6	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.6	0.9	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 131

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.4	2.8	1.1	1.6	2.3	0.9	0.9	0.5	2.2	2.6	2.5	0.9	
1957	2.1	2.5	1.5	2.3	1.4	1.4	1.0	1.4	2.0	2.5	2.6	2.4	
1958	2.5	1.3	2.3	2.2	2.4	1.3	1.0	1.0	1.5	2.5	1.8	2.5	
1959	2.0	2.5	2.7	1.4	1.7	1.2	1.4	1.0	2.6	2.7	2.6	2.6	
1960	1.7	2.6	2.4	1.6	1.6	1.5	1.4	1.0	2.9	1.3	2.2	2.5	
1961	3.0	2.5	2.3	2.2	1.5	1.3	1.0	1.5	1.9	2.4	2.3	1.8	
1962	2.2	2.0	3.5	1.9	1.4	1.2	0.7	2.3	2.8	1.8	2.6	2.4	
1963	2.4	2.7	2.4	2.2	2.2	2.1	0.9	0.9	2.8	3.8	2.5	2.8	
1964	2.1	1.9	1.4	2.3	2.1	1.5	1.7	2.0	3.5	2.5	2.6	2.6	
1965	1.9	2.6	1.9	1.7	0.7	1.3	1.0	1.3	2.6	2.8	2.2	1.9	
1966	2.3	2.7	1.9	1.6	2.3	2.3	2.3	1.5	1.5	1.7	2.5	2.5	
1967	1.8	1.7	2.4	2.1	1.2	2.2	0.9	1.3	2.2	2.1	1.9	1.6	
1968	2.4	1.1	2.3	1.1	1.4	2.5	1.2	1.0	1.2	2.5	1.4	1.4	
1969	2.3	2.3	2.4	2.0	2.4	1.6	0.8	1.8	2.5	2.7	3.2	2.0	
1970	2.5	2.0	1.6	1.4	1.8	1.2	1.0	1.4	1.8	2.6	1.3	2.1	
1971	1.4	2.3	1.4	1.2	1.4	0.6	1.2	1.3	2.3	2.6	2.5	3.1	
1972	2.5	2.6	1.7	2.6	2.4	2.6	1.9	0.7	2.2	2.7	2.5	2.3	
1973	2.2	2.7	2.1	1.4	1.5	1.9	0.4	1.0	2.1	2.3	2.6	2.2	
1974	2.4	1.5	1.2	1.6	1.9	0.6	0.5	0.5	2.5	3.1	2.4	2.1	
1975	2.2	2.3	1.6	1.3	0.7	1.3	0.6	0.7	2.5	2.4	2.4	2.1	

LARGEST HS(METRES) FOR STATION 131 = 3.8

MEAN HS(METRES) BY MONTH AND YEAR

STATION 132

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.3	0.5	0.3	0.3	0.7	0.4	0.2	0.1	0.5	1.0	0.7	0.3	0.5
1957	0.6	0.8	0.4	0.8	0.4	0.4	0.3	0.4	0.6	0.9	0.9	0.6	0.6
1958	0.7	0.3	0.5	0.6	0.6	0.3	0.3	0.3	0.6	1.1	0.9	1.1	0.6
1959	0.7	0.9	0.9	0.7	0.6	0.4	0.5	0.3	1.0	1.0	1.1	0.9	0.7
1960	0.5	0.7	0.7	0.6	0.3	0.4	0.3	0.4	1.0	0.7	0.7	0.7	0.6
1961	0.7	0.7	0.6	0.4	0.5	0.5	0.3	0.5	0.6	1.0	0.7	0.5	0.6
1962	0.8	0.6	0.8	0.5	0.3	0.4	0.2	0.4	0.5	0.7	0.8	0.6	0.6
1963	0.6	1.1	0.8	0.6	0.5	0.4	0.2	0.2	0.9	1.1	0.7	0.6	0.6
1964	0.5	0.5	0.6	0.6	0.7	0.5	0.6	0.6	1.1	1.3	0.9	0.8	0.7
1965	0.5	0.8	0.5	0.6	0.2	0.5	0.3	0.2	1.1	1.0	0.8	0.5	0.6
1966	0.7	0.9	0.6	0.5	0.6	0.7	0.6	0.4	0.4	0.7	0.9	0.5	0.6
1967	0.4	0.5	0.7	0.6	0.4	0.6	0.3	0.3	0.8	0.6	0.5	0.5	0.5
1968	0.6	0.3	0.3	0.2	0.3	0.5	0.3	0.3	0.4	0.7	0.3	0.3	0.4
1969	0.8	0.6	0.4	0.7	0.8	0.4	0.2	0.6	0.7	1.2	0.9	0.5	0.6
1970	0.7	0.6	0.6	0.4	0.5	0.4	0.2	0.3	0.4	1.2	0.4	0.3	0.5
1971	0.4	0.6	0.3	0.3	0.3	0.1	0.2	0.3	0.6	0.7	0.8	1.3	0.5
1972	0.7	0.8	0.5	0.5	0.8	0.6	0.4	0.2	0.5	1.1	0.7	0.5	0.6
1973	0.8	0.7	0.7	0.5	0.3	0.4	0.1	0.2	0.3	0.8	0.5	0.5	0.5
1974	0.5	0.4	0.2	0.4	0.3	0.2	0.2	0.2	0.4	1.3	0.7	0.4	0.4
1975	0.5	0.6	0.4	0.3	0.1	0.1	0.2	0.1	0.4	0.5	0.6	0.5	0.4
MEAN	0.6	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.6	0.9	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 132

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.4	2.7	1.2	1.5	2.3	0.9	0.8	0.5	2.3	2.6	2.5	0.8	
1957	2.0	2.5	1.5	2.1	1.4	1.4	1.0	1.4	2.0	2.5	2.6	2.4	
1958	2.7	1.2	2.2	2.2	2.4	1.3	1.0	1.0	1.6	2.5	1.9	2.5	
1959	2.0	2.5	2.7	1.4	1.7	1.2	1.3	1.0	2.6	2.7	2.6	2.6	
1960	1.7	2.5	2.3	1.6	1.6	1.5	1.3	1.0	2.9	1.3	2.2	2.5	
1961	3.0	2.4	2.3	2.2	1.5	1.2	1.0	1.5	2.0	2.5	2.3	1.8	
1962	2.2	2.0	3.5	1.9	1.4	1.2	0.7	2.3	2.8	1.8	2.6	2.4	
1963	2.4	2.8	2.5	2.2	2.3	2.2	0.9	0.9	2.8	3.8	2.5	2.8	
1964	2.0	1.7	1.4	2.3	2.1	1.5	1.7	2.0	3.5	2.5	2.6	2.6	
1965	2.0	2.5	2.0	1.8	0.7	1.3	1.0	1.3	2.7	2.9	2.3	2.0	
1966	2.4	2.7	1.9	1.5	2.3	2.3	2.4	1.6	1.6	1.7	2.5	2.6	
1967	1.9	1.7	2.4	2.1	1.2	2.2	0.9	1.3	2.2	2.1	1.9	1.4	
1968	2.5	1.2	1.9	1.1	1.4	2.5	1.3	1.1	1.2	2.5	1.4	1.4	
1969	2.4	2.3	2.4	2.0	2.4	1.6	0.8	1.8	2.5	2.7	3.2	1.8	
1970	2.5	1.8	1.6	1.3	1.8	1.2	1.0	1.4	1.8	2.7	1.3	2.1	
1971	1.5	2.3	1.3	1.2	1.3	0.6	1.1	1.4	2.4	2.7	2.5	3.1	
1972	2.5	2.6	1.7	2.6	2.4	2.6	1.9	0.7	2.2	2.7	2.5	2.3	
1973	2.2	2.7	1.9	1.3	1.5	1.8	0.4	1.0	2.1	2.4	2.6	2.2	
1974	2.4	1.4	1.2	1.5	1.6	0.6	0.5	0.5	2.5	3.1	2.4	2.1	
1975	2.2	2.4	1.5	1.3	0.7	1.3	0.6	0.7	2.6	2.4	2.3	2.1	

LARGEST HS(METRES) FOR STATION 132 = 3.8

STATION 133 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 352.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	4019	5306	2852	1028	237	167	.	.	.	.	13609
0.50 - 0.99	.	278	1442	718	314	183	.	.	.	.	2932
1.00 - 1.49	.	.	.	82	70	3	.	.	.	.	163
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	4019	5584	4302	1828	624	353	0	0	0	0	0

AVERAGE HS(M) = 0.31 LARGEST HS(M) = 1.80 ANGLE CLASS % = 16.7

STATION 133 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 352.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1914	1764	2243	337	2782	5159	254	6	.	.	11879
0.50 - 0.99	.	1129	193	737	184	997	152	6	.	.	5048
1.00 - 1.49	.	.	.	53	265	340	25	.	.	.	1560
1.50 - 1.99	154	188	11	.	.	.	406
2.00 - 2.49	20	68	1	.	.	.	89
2.50 - 2.99	3	.	.	.	.	3
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1914	2893	2436	1127	3405	6755	443	12	0	0	0

AVERAGE HS(M) = 0.49 LARGEST HS(M) = 2.52 ANGLE CLASS % = 19.0

STATION 133 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 352.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1167	1031	1591	66	1153	1350	5800	889	1702	1974	15064
0.50 - 0.99	.	888	232	800	1103	1209	2037	819	1824	1297	2723
1.00 - 1.49	.	.	.	104	118	347	224	114	482	230	1182
1.50 - 1.99	75	365	277	68	86	352	1877
2.00 - 2.49	47	39	27	41	20	474
2.50 - 2.99	1	.	1	5	28
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1167	1919	1823	970	1701	3801	9122	2131	4228	3463	0

AVERAGE HS(M) = 0.64 LARGEST HS(M) = 3.82 ANGLE CLASS % = 30.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 133

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.5	0.3	0.3	0.7	0.4	0.2	0.1	0.5	1.0	0.7	0.3	0.5
1957	0.7	0.8	0.4	0.8	0.5	0.4	0.3	0.4	0.7	0.9	0.9	0.6	0.6
1958	0.7	0.3	0.5	0.6	0.6	0.3	0.3	0.3	0.6	1.1	0.9	1.1	0.6
1959	0.7	0.9	1.0	0.7	0.6	0.4	0.5	0.3	1.0	1.0	1.1	0.9	0.8
1960	0.5	0.7	0.7	0.6	0.3	0.4	0.3	0.4	1.0	0.7	0.7	0.7	0.6
1961	0.7	0.7	0.6	0.5	0.5	0.5	0.3	0.5	0.6	1.0	0.7	0.6	0.6
1962	0.8	0.6	0.9	0.5	0.3	0.4	0.2	0.4	0.5	0.7	0.8	0.6	0.6
1963	0.7	1.1	0.8	0.6	0.5	0.4	0.2	0.2	1.0	1.2	0.7	0.6	0.7
1964	0.5	0.5	0.6	0.6	0.7	0.5	0.6	0.6	1.1	1.3	0.9	0.8	0.7
1965	0.5	0.8	0.5	0.6	0.2	0.5	0.3	0.2	1.1	1.0	0.8	0.5	0.6
1966	0.7	0.9	0.6	0.5	0.6	0.7	0.6	0.4	0.4	0.7	0.9	0.5	0.6
1967	0.4	0.5	0.7	0.6	0.4	0.6	0.3	0.3	0.9	0.7	0.5	0.5	0.5
1968	0.6	0.3	0.3	0.2	0.3	0.5	0.3	0.3	0.4	0.7	0.3	0.3	0.4
1969	0.8	0.6	0.4	0.7	0.8	0.4	0.2	0.6	0.7	1.2	0.9	0.5	0.6
1970	0.7	0.6	0.6	0.5	0.5	0.4	0.2	0.3	0.4	1.2	0.4	0.3	0.5
1971	0.4	0.6	0.4	0.3	0.3	0.1	0.2	0.3	0.6	0.7	0.9	1.3	0.5
1972	0.7	0.8	0.5	0.5	0.8	0.6	0.4	0.2	0.5	1.1	0.7	0.6	0.6
1973	0.8	0.7	0.7	0.5	0.3	0.4	0.1	0.2	0.3	0.8	0.5	0.5	0.5
1974	0.5	0.4	0.3	0.4	0.3	0.2	0.2	0.2	0.4	1.3	0.7	0.4	0.4
1975	0.5	0.6	0.4	0.3	0.1	0.1	0.2	0.1	0.4	0.5	0.6	0.6	0.4
MEAN	0.6	0.6	0.5	0.5	0.5	0.4	0.3	0.3	0.7	0.9	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 133

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.4	2.7	1.2	1.4	2.3	0.9	0.8	0.5	2.3	2.7	2.5	0.9	
1957	2.0	2.6	1.5	2.2	1.4	1.4	1.0	1.4	2.0	2.5	2.6	2.4	
1958	2.7	1.1	2.2	2.2	2.4	1.3	1.0	0.9	1.6	2.5	1.9	2.5	
1959	2.0	2.5	2.7	1.4	1.7	1.2	1.3	1.0	2.6	2.7	2.6	2.6	
1960	1.7	2.5	2.3	1.6	1.7	1.6	1.2	1.1	2.9	1.4	2.3	2.5	
1961	2.9	2.3	2.3	2.2	1.5	1.2	1.0	1.5	2.0	2.5	2.3	1.8	
1962	2.2	2.0	3.5	1.9	1.4	1.2	0.7	2.3	2.8	1.9	2.6	2.4	
1963	2.4	2.8	2.5	2.2	2.4	2.3	0.9	0.9	2.8	3.8	2.5	2.8	
1964	2.0	1.6	1.3	2.2	2.2	1.5	1.7	2.0	3.5	2.5	2.6	2.7	
1965	2.0	2.4	2.0	1.8	0.7	1.3	1.1	1.3	2.7	2.9	2.4	2.0	
1966	2.4	2.7	1.9	1.5	2.3	2.3	2.4	1.6	1.6	1.8	2.6	2.6	
1967	2.0	1.8	2.4	2.1	1.2	2.2	0.9	1.3	2.4	2.1	1.9	1.3	
1968	2.5	1.2	2.1	1.1	1.4	2.5	1.3	1.1	1.2	2.5	1.4	1.4	
1969	2.4	2.3	2.4	2.0	2.4	1.6	0.8	1.8	2.5	2.7	3.2	1.9	
1970	2.5	1.9	1.6	1.4	1.7	1.2	1.0	1.4	1.9	2.7	1.4	1.9	
1971	1.5	2.3	1.3	1.2	1.2	0.6	1.1	1.4	2.4	2.7	2.5	3.1	
1972	2.5	2.6	1.7	2.6	2.4	2.6	1.9	0.7	2.2	2.7	2.5	2.3	
1973	2.2	2.7	1.9	1.2	1.4	1.8	0.4	1.0	2.1	2.5	2.6	2.2	
1974	2.4	1.4	1.2	1.6	1.7	0.6	0.5	0.5	2.5	3.2	2.4	2.1	
1975	2.2	2.3	1.6	1.3	0.7	1.3	0.6	0.7	2.6	2.4	2.3	2.2	

LARGEST HS(METRES) FOR STATION 133 = 3.8

STATION 134 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 350.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	4072	5287	2826	1045	248	176	.	.	.	.	13654
0.5 - 0.99	.	311	1404	681	309	184	.	.	.	.	2889
1.0 - 1.49	.	.	10	77	78	5	.	.	.	.	170
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	4072	5598	4240	1803	638	365	0	0	0	0	0

AVERAGE HS(M) = 0.30 LARGEST HS(M) = 1.67 ANGLE CLASS % = 16.7

STATION 134 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 350.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1906	1774	2260	331	2833	5042	2847	77	.	.	14479
0.5 - 0.99	.	1110	184	732	156	983	181	10	.	.	5071
1.0 - 1.49	.	.	.	46	258	330	29	.	.	.	1533
1.5 - 1.99	157	174	18	.	.	.	395
2.0 - 2.49	22	68	5	.	.	.	91
2.5 - 2.99	6
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	1906	2884	2444	1109	3466	6602	3077	87	0	0	0

AVERAGE HS(M) = 0.45 LARGEST HS(M) = 2.82 ANGLE CLASS % = 21.6

STATION 134 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 350.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1149	1028	1654	75	1084	1552	3020	778	1651	1909	12171
0.5 - 0.99	.	898	253	869	97	1285	2002	787	1817	1446	9745
1.0 - 1.49	.	.	.	111	123	571	564	207	466	224	3876
1.5 - 1.99	265	290	450	133	83	30	1862
2.0 - 2.49	80	410	302	75	39	22	938
2.5 - 2.99	54	41	27	41	22	185
3.0 - 3.49	23	5	29
3.5 - 3.99	1	.	1
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	1149	1926	1907	1055	1649	4136	6380	2007	4120	3368	0

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 3.83 ANGLE CLASS % = 27.7

STATION 134 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 350.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1218	1143			1136	2262	94	8	3	5	5869
0.50 - 0.99	1	1185		121	232	410	128				2422
1.00 - 1.49			2376	1637	232	187	83				2277
1.50 - 1.99			480	258	807	184	299				1294
2.00 - 2.49					232	754	2		10		1010
2.50 - 2.99						282					282
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	1219	2328	2856	2016	2415	3979	357	24	34	5	

AVERAGE HS(M) = 0.85 LARGEST HS(M) = 2.98 ANGLE CLASS % = 15.2

STATION 134 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 350.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	852	1083	65	1	99	193	11				2304
0.50 - 0.99		602	2089	1483	268	27	1				4472
1.00 - 1.49			201	1984	266	11	1				2463
1.50 - 1.99				261	191	20	3				485
2.00 - 2.49					25	44					69
2.50 - 2.99						6					6
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	852	1685	2355	3730	849	311	18	0	0	0	

AVERAGE HS(M) = 0.82 LARGEST HS(M) = 2.68 ANGLE CLASS % = 9.8

STATION 134 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 350.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

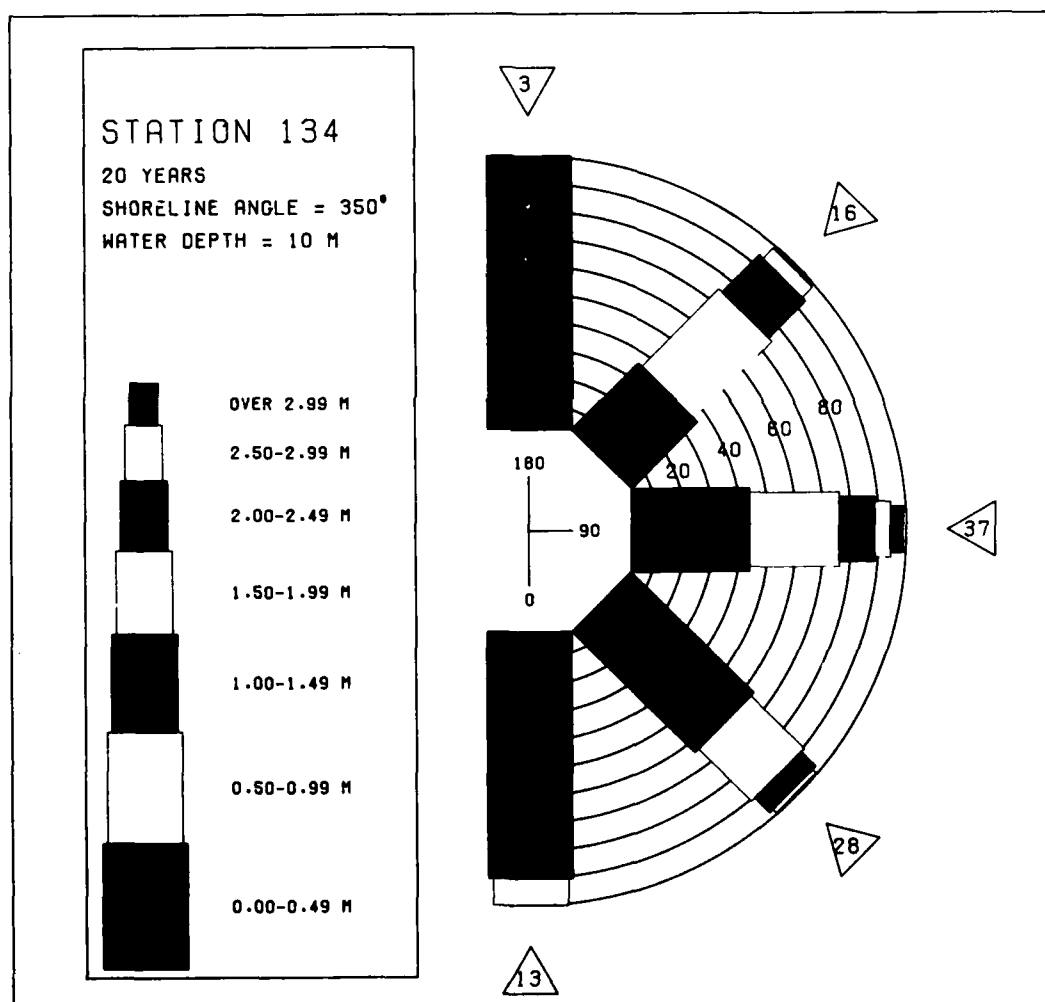
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	602	934	1151	1913	913	13					5526
0.50 - 0.99		10	263	682	68						1023
1.00 - 1.49											0
1.50 - 1.99											0
2.00 - 2.49											0
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	602	944	1414	2595	981	13	0	0	0	0	

AVERAGE HS(M) = 0.28 LARGEST HS(M) = 0.97 ANGLE CLASS % = 6.6

STATION 134 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 350.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	980	1125	404	296	631	924	597	86	165	191	5399
0.50-0.99	.	411	1004	337	94	286	231	80	182	114	2739
1.00-1.49	.	.	113	530	65	100	67	21	46	23	964
1.50-1.99	.	.	.	67	142	168	49	13	9	3	351
2.00-2.49	36	127	33	7	4	2	210
2.50-2.99	34	4	.	.	.	46
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	980	1536	1521	1230	998	1539	981	209	412	335	

AVE HS(M) = 0.57 LARGEST HS(M) = 3.83 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 134

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.5	0.3	0.3	0.7	0.4	0.2	0.1	0.5	1.1	0.7	0.3	0.5
1957	0.7	0.8	0.4	0.8	0.5	0.4	0.3	0.4	0.7	0.9	0.9	0.6	0.6
1958	0.8	0.3	0.5	0.6	0.6	0.3	0.3	0.3	0.6	1.1	0.9	1.1	0.6
1959	0.8	0.9	1.0	0.7	0.6	0.4	0.5	0.3	1.0	1.0	1.1	0.9	0.8
1960	0.5	0.7	0.7	0.6	0.4	0.4	0.3	0.4	1.0	0.7	0.7	0.7	0.6
1961	0.7	0.7	0.6	0.5	0.5	0.5	0.3	0.5	0.7	1.0	0.8	0.6	0.6
1962	0.8	0.6	0.9	0.6	0.3	0.4	0.2	0.4	0.5	0.8	0.9	0.6	0.6
1963	0.7	1.1	0.8	0.6	0.6	0.4	0.2	0.2	1.0	1.2	0.7	0.7	0.7
1964	0.5	0.5	0.6	0.6	0.7	0.5	0.6	0.6	1.1	1.3	1.0	0.8	0.7
1965	0.5	0.8	0.5	0.6	0.2	0.5	0.3	0.2	1.1	1.0	0.8	0.5	0.6
1966	0.7	0.9	0.6	0.5	0.6	0.7	0.6	0.4	0.4	0.7	0.9	0.5	0.6
1967	0.5	0.5	0.7	0.6	0.4	0.6	0.3	0.3	0.9	0.7	0.5	0.5	0.5
1968	0.6	0.3	0.3	0.2	0.3	0.5	0.3	0.3	0.4	0.7	0.3	0.3	0.4
1969	0.9	0.6	0.4	0.7	0.8	0.4	0.2	0.6	0.7	1.2	0.9	0.5	0.7
1970	0.7	0.6	0.6	0.5	0.5	0.4	0.2	0.3	0.4	1.2	0.4	0.4	0.5
1971	0.5	0.6	0.4	0.3	0.3	0.1	0.2	0.3	0.6	0.7	0.9	1.3	0.5
1972	0.7	0.8	0.5	0.5	0.8	0.6	0.4	0.2	0.5	1.1	0.7	0.6	0.6
1973	0.8	0.8	0.7	0.5	0.3	0.4	0.1	0.2	0.3	0.8	0.5	0.6	0.5
1974	0.5	0.4	0.3	0.4	0.3	0.2	0.2	0.2	0.4	1.3	0.7	0.4	0.4
1975	0.5	0.6	0.4	0.3	0.1	0.1	0.2	0.1	0.4	0.5	0.6	0.6	0.4
MEAN	0.6	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.7	0.9	0.7	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 134

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.4	2.7	1.3	1.4	2.3	0.9	0.8	0.5	2.3	2.7	2.5	0.8
1957	2.0	2.6	1.5	2.1	1.5	1.4	1.0	1.4	2.0	2.5	2.6	2.4
1958	2.7	1.1	2.2	2.2	2.4	1.3	1.0	1.0	1.6	2.6	1.9	2.5
1959	2.0	2.5	2.7	1.4	1.7	1.2	1.3	1.0	2.6	2.7	2.6	2.6
1960	1.7	2.5	2.3	1.6	1.7	1.6	1.2	1.2	2.9	1.5	2.3	2.5
1961	2.9	2.3	2.3	2.2	1.5	1.2	1.0	1.5	2.0	2.5	2.3	1.8
1962	2.3	2.0	3.5	1.9	1.4	1.2	0.7	2.3	2.8	2.0	2.7	2.4
1963	2.4	2.8	2.5	2.2	2.4	2.3	0.9	0.9	2.8	3.8	2.5	2.8
1964	2.0	1.6	1.3	2.2	2.2	1.4	1.7	2.1	3.5	2.5	2.6	2.7
1965	2.0	2.4	2.0	1.8	0.7	1.3	1.2	1.3	2.7	2.9	2.4	2.0
1966	2.4	2.7	1.9	1.5	2.3	2.3	2.4	1.7	1.6	1.8	2.6	2.6
1967	2.0	1.9	2.4	2.1	1.2	2.2	0.9	1.3	2.4	2.1	1.9	1.3
1968	2.5	1.3	2.1	1.1	1.4	2.5	1.3	1.1	1.3	2.5	1.4	1.4
1969	2.4	2.3	2.4	2.0	2.4	1.5	0.8	1.8	2.5	2.7	3.2	1.8
1970	2.5	1.7	1.6	1.4	1.7	1.2	1.0	1.4	1.9	2.7	1.4	1.9
1971	1.5	2.3	1.3	1.3	1.2	0.6	1.1	1.4	2.4	2.7	2.5	3.1
1972	2.6	2.6	1.7	2.6	2.4	2.6	1.9	0.7	2.2	2.7	2.5	2.3
1973	2.1	2.7	1.9	1.2	1.4	1.8	0.4	1.0	2.1	2.5	2.6	2.2
1974	2.4	1.4	1.2	1.5	1.7	0.6	0.5	0.5	2.5	3.2	2.4	2.1
1975	2.2	2.3	1.6	1.3	0.7	1.3	0.6	0.7	2.6	2.4	2.3	2.2

LARGEST HS(METRES) FOR STATION 134 = 3.8

STATION 135 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 348.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	3497	4454	2549	1184	333	220	1	.	.	.	12238
0.5 - 0.99	.	349	1338	662	256	154	.	.	.	.	2759
1.0 - 1.49	.	.	13	112	68	1	.	.	.	.	194
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	3497	4803	3900	1958	657	375	1	0	0	0	0

AVERAGE HS(M) = 0.29 LARGEST HS(M) = 1.47 ANGLE CLASS % = 15.2

STATION 135 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 348.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1226	1235	2092	237	3365	5138	1721	116	.	.	12801
0.5 - 0.99	.	1038	244	758	199	2388	493	59	.	.	6483
1.0 - 1.49	.	.	.	41	147	383	80	35	.	.	1727
1.5 - 1.99	22	205	44	20	.	.	457
2.0 - 2.49	73	41	3	.	.	139
2.5 - 2.99	8	.	.	.	11
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	1226	2273	2336	1036	3957	8187	2367	236	0	0	0

AVERAGE HS(M) = 0.52 LARGEST HS(M) = 2.90 ANGLE CLASS % = 21.6

STATION 135 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 348.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	835	855	1863	80	662	422	3901	328	369	1594	8966
0.5 - 0.99	.	1009	378	970	71	713	2371	650	1045	569	8317
1.0 - 1.49	.	.	.	181	251	422	501	330	648	234	3561
1.5 - 1.99	83	364	124	90	273	95	1753
2.0 - 2.49	367	143	54	70	14	599
2.5 - 2.99	11	147	25	10	1	209
3.0 - 3.49	3	1	1	.	13
3.5 - 3.99	3
4.0 - 4.49	1
4.5 - 4.99	1
5.0 - GREATER	0
TOTAL	835	1864	2241	1231	1145	2299	7192	1510	2435	2541	0

AVERAGE HS(M) = 0.77 LARGEST HS(M) = 4.62 ANGLE CLASS % = 23.3

AD-A129 642

ATLANTIC COAST HINDCAST SHALLOW-WATER SIGNIFICANT WAVE
INFORMATION(U) ARMY ENGINEER WATERWAYS EXPERIMENT
STATION VICKSBURG MS HYDRAULICS LAB R E JENSEN JAN 83

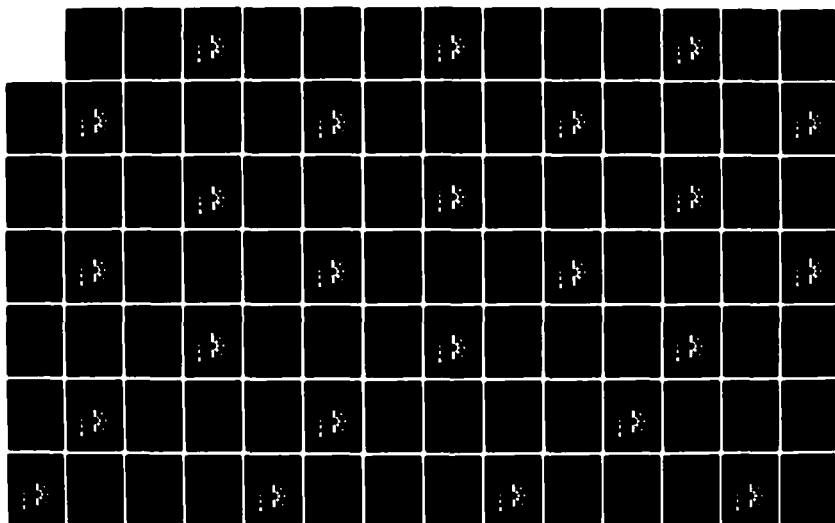
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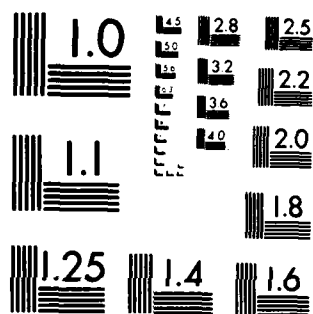
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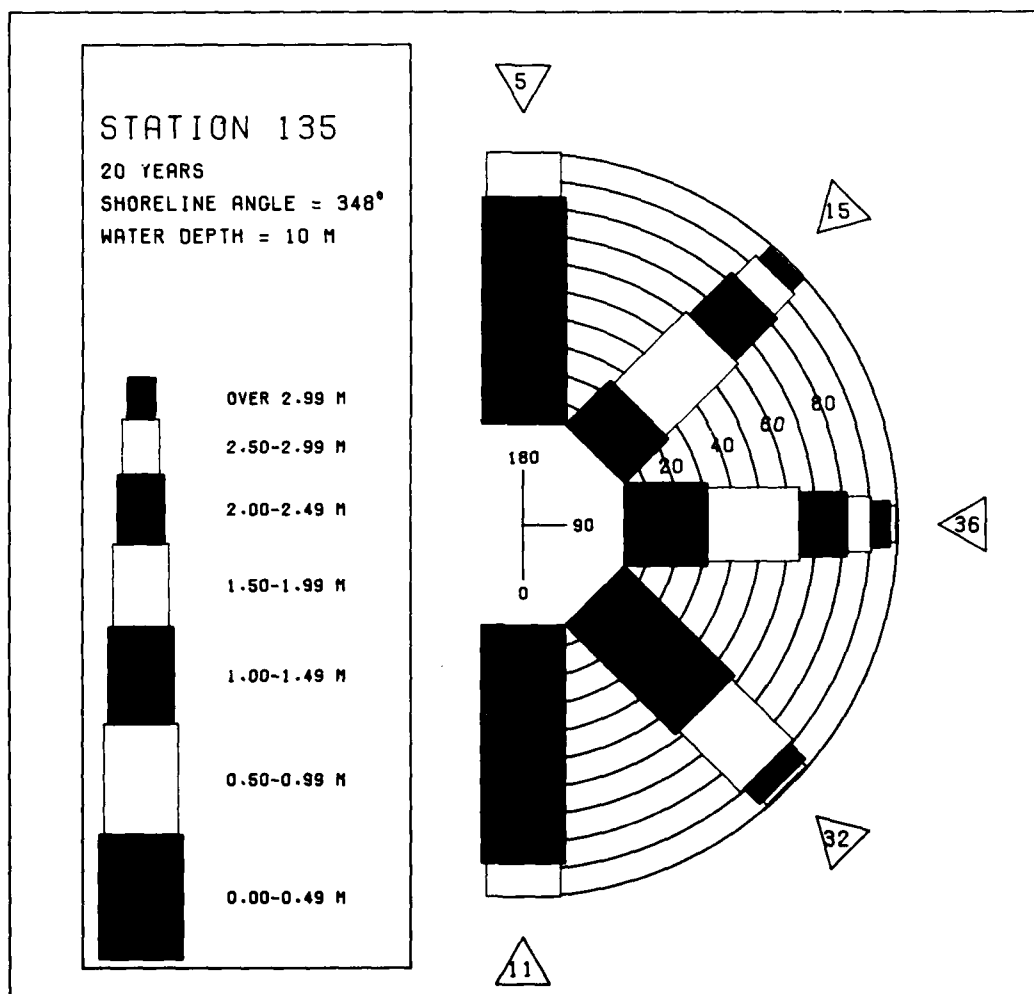
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

STATION 135 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 348.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.0- LONGER	
0.0-0.49	768	891	352	266	681	877	652	60	49	168	4764
0.50-0.99	.	411	946	246	119	586	405	96	127	67	3003
1.00-1.49	.	.	145	416	116	227	130	52	77	34	1197
1.50-1.99	.	.	.	57	149	194	68	100	33	17	535
2.00-2.49	42	232	51	16	33	6	357
2.50-2.99	19	3	12	3	1	99
3.00-3.49	17
3.50-3.99	2
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	768	1302	1443	985	1107	2135	1387	254	301	293	
AVE HS(M) = 0.69 LARGEST HS(M) = 4.62 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 135

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.5	0.7	0.4	0.4	0.7	0.3	0.2	0.2	0.6	1.4	1.1	0.6	0.6
1957	0.9	1.0	0.5	1.0	0.6	0.5	0.3	0.5	0.7	1.1	1.1	0.8	0.7
1958	0.9	0.4	0.6	0.7	0.7	0.3	0.4	0.4	0.7	1.2	0.7	1.1	0.7
1959	0.8	1.0	1.1	0.7	0.6	0.5	0.6	0.4	1.2	1.2	1.4	1.1	0.9
1960	0.7	0.9	0.9	0.7	0.4	0.5	0.3	0.5	1.2	1.1	0.9	0.9	0.7
1961	0.9	0.8	0.7	0.6	0.6	0.6	0.4	0.6	0.8	1.3	0.9	0.7	0.7
1962	1.0	0.8	1.1	0.7	0.4	0.5	0.2	0.5	0.6	0.8	1.0	0.8	0.7
1963	0.8	1.4	1.0	0.8	0.7	0.5	0.3	0.3	1.2	1.5	0.9	0.8	0.8
1964	0.7	0.6	0.7	0.8	0.6	0.3	0.5	0.5	1.4	1.7	1.3	1.1	0.8
1965	0.7	1.0	0.6	0.6	0.3	0.6	0.3	0.2	1.4	1.1	1.1	0.8	0.7
1966	0.9	1.1	0.8	0.6	0.7	0.9	0.8	0.6	0.4	0.9	1.1	0.6	0.8
1967	0.6	0.7	0.8	0.8	0.5	0.7	0.4	0.5	1.0	0.8	0.6	0.6	0.7
1968	0.8	0.4	0.4	0.2	0.3	0.8	0.5	0.4	0.5	0.9	0.4	0.4	0.5
1969	1.1	0.8	0.5	0.8	0.9	0.5	0.3	0.7	0.9	1.4	1.0	0.5	0.8
1970	1.0	0.8	0.6	0.6	0.6	0.5	0.3	0.4	0.5	1.4	0.5	0.4	0.6
1971	0.6	0.7	0.5	0.3	0.4	0.2	0.3	0.4	0.7	0.8	1.0	1.4	0.6
1972	0.9	0.9	0.6	0.6	1.0	0.7	0.5	0.3	0.5	1.3	0.9	0.7	0.7
1973	1.0	1.0	0.9	0.6	0.4	0.5	0.2	0.2	0.4	1.0	0.7	0.7	0.6
1974	0.6	0.5	0.3	0.4	0.3	0.3	0.3	0.2	0.4	1.7	1.0	0.5	0.6
1975	0.6	0.6	0.5	0.3	0.1	0.2	0.3	0.1	0.5	0.6	0.8	0.7	0.4
MEAN	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.8	1.2	0.9	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

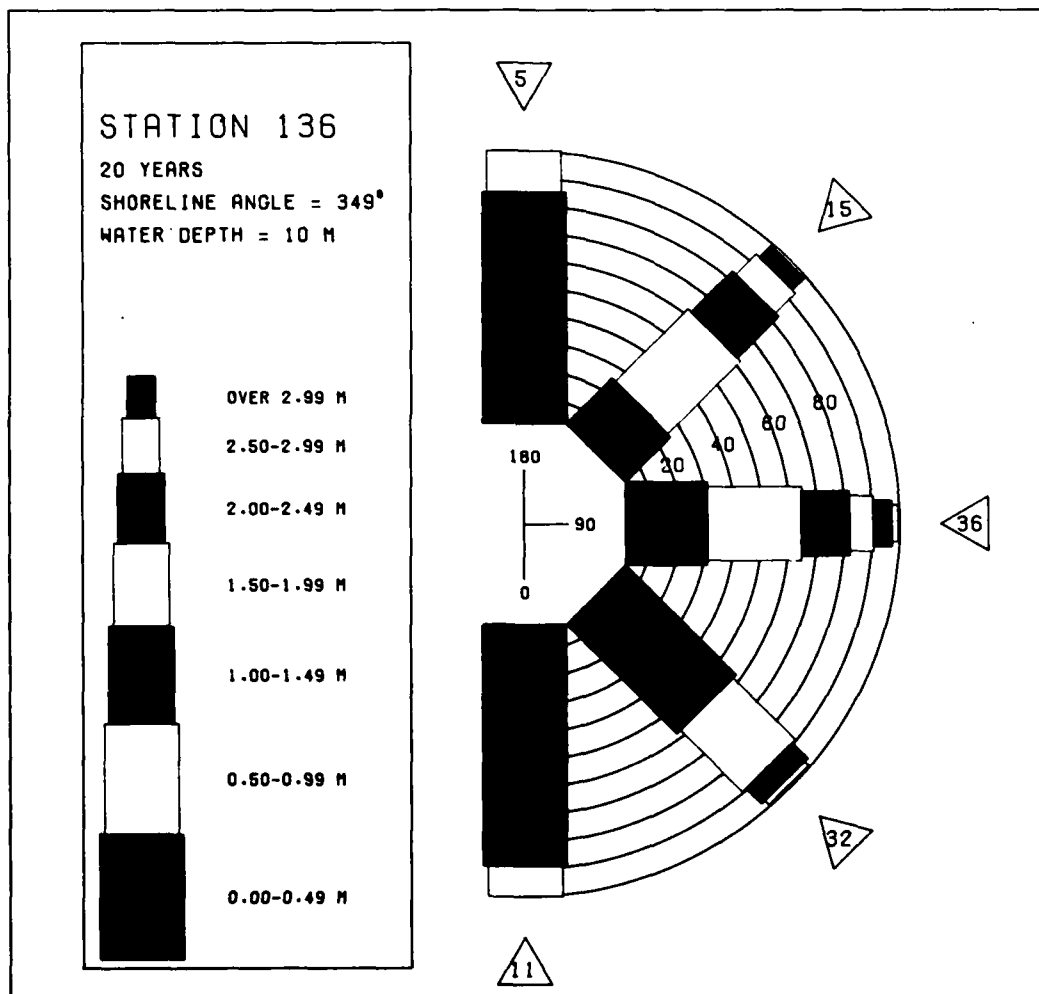
STATION 135

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.9	2.0	1.5	2.4	1.0	0.8	0.5	2.9	3.0	3.1	1.0	
1957	2.4	2.8	1.6	2.2	2.1	1.4	1.0	1.7	1.8	2.5	3.5	2.4	
1958	3.0	1.4	2.6	2.2	2.4	1.3	1.0	1.2	2.1	3.2	2.0	2.8	
1959	2.2	3.1	3.0	1.7	2.0	1.6	1.3	1.1	3.0	3.0	2.9	3.2	
1960	1.9	2.8	2.4	2.2	1.9	2.1	1.1	1.5	3.3	2.2	2.4	2.5	
1961	2.9	2.6	2.4	2.2	1.6	1.5	1.1	1.6	2.7	2.5	2.7	2.0	
1962	2.7	2.3	4.1	2.2	1.5	1.4	0.7	2.5	3.1	2.5	2.7	2.5	
1963	2.3	3.4	2.7	2.3	2.4	2.3	0.9	1.0	3.4	4.6	2.8	3.6	
1964	2.1	2.0	1.8	2.4	2.6	1.3	1.6	2.5	4.6	3.2	3.0	2.9	
1965	2.4	2.6	2.3	2.2	0.9	1.5	1.5	1.0	3.2	3.7	2.5	2.3	
1966	2.6	3.3	2.2	1.8	2.4	2.4	2.4	2.1	1.6	2.3	2.6	2.6	
1967	1.8	2.3	2.7	2.3	1.8	2.0	1.0	1.1	2.5	2.3	2.3	2.2	
1968	2.9	1.5	1.7	1.1	1.5	3.1	1.2	1.0	1.3	2.5	1.3	2.2	
1969	2.5	2.3	2.3	2.4	2.4	1.6	0.9	2.0	2.8	3.3	4.0	1.9	
1970	2.9	2.3	1.7	1.8	2.0	1.4	0.9	1.3	2.0	3.5	2.4	1.9	
1971	2.1	2.4	2.0	1.3	1.2	0.9	1.2	1.4	2.4	3.4	2.7	3.9	
1972	2.9	3.0	2.2	2.6	2.6	2.7	2.0	0.7	2.3	3.2	2.5	2.3	
1973	2.5	2.5	2.2	1.3	1.4	2.1	0.4	1.0	2.1	2.7	3.0	2.3	
1974	2.4	2.1	1.5	1.5	1.5	0.7	0.6	0.6	2.7	3.8	2.5	2.1	
1975	2.4	2.7	1.9	1.3	0.9	1.3	0.9	0.7	2.8	2.5	2.5	2.8	

LARGEST HS(METRES) FOR STATION 135 = 4.6

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9		LONGER
0.0-0.49	766	891	353	266	683	875	653	58	49	168	4762
0.50-0.99		413	246	245	115	559	407	59	128	67	3009
1.00-1.49			145	413	116	331	132	52	77	34	1500
1.50-1.99				56	148	155	67	18	33	16	3523
2.00-2.49					40	299	58	10	9	6	3508
2.50-2.99						18	71	12	2	1	174
3.00-3.49							3				600
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-10.49											0
10.50-10.99											0
11.00-11.49											0
11.50-11.99											0
12.00-12.49											0
12.50-12.99											0
13.00-13.49											0
13.50-13.99											0
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15.00-15.49											0
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18.00-18.49											0
18.50-18.99											0
19.00-19.49											0
19.50-19.99											0
20.00-20.49											0
20.50-20.99											0
21.00-21.49											0
21.50-21.99											0
22.00-22.49											0
22.50-22.99											0
23.00-23.49											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 136

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.5	0.7	0.4	0.4	0.7	0.3	0.2	0.2	0.6	1.4	1.1	0.6	0.6
1957	0.9	1.0	0.5	1.0	0.6	0.5	0.3	0.5	0.7	1.1	1.1	0.8	0.7
1958	0.9	0.4	0.6	0.7	0.7	0.3	0.4	0.3	0.7	1.2	0.7	1.1	0.7
1959	0.8	1.0	1.1	0.7	0.6	0.5	0.6	0.4	1.1	1.2	1.4	1.1	0.9
1960	0.7	0.9	0.9	0.7	0.4	0.5	0.3	0.5	1.2	1.1	0.9	0.9	0.7
1961	0.9	0.8	0.7	0.6	0.6	0.6	0.4	0.6	0.8	1.3	0.9	0.7	0.7
1962	1.0	0.8	1.1	0.7	0.4	0.5	0.2	0.5	0.6	0.8	1.0	0.8	0.7
1963	0.8	1.4	1.0	0.8	0.7	0.5	0.3	0.3	1.2	1.5	0.9	0.8	0.8
1964	0.6	0.6	0.7	0.8	0.6	0.3	0.5	0.5	1.4	1.7	1.3	1.1	0.8
1965	0.7	1.0	0.6	0.5	0.3	0.6	0.3	0.2	1.4	1.1	1.1	0.7	0.7
1966	0.9	1.1	0.8	0.6	0.7	0.9	0.8	0.6	0.4	0.9	1.1	0.6	0.8
1967	0.6	0.7	0.8	0.8	0.5	0.7	0.4	0.5	1.0	0.8	0.6	0.6	0.7
1968	0.8	0.4	0.4	0.2	0.3	0.8	0.5	0.4	0.5	0.9	0.4	0.4	0.5
1969	1.1	0.8	0.5	0.8	0.9	0.5	0.3	0.7	0.9	1.4	1.0	0.5	0.8
1970	1.0	0.8	0.6	0.6	0.6	0.5	0.3	0.4	0.5	1.4	0.5	0.4	0.6
1971	0.6	0.7	0.5	0.3	0.4	0.2	0.3	0.4	0.7	0.8	1.0	1.4	0.6
1972	0.9	0.9	0.6	0.6	1.0	0.7	0.5	0.3	0.5	1.3	0.9	0.7	0.7
1973	1.0	0.9	0.9	0.6	0.4	0.5	0.2	0.2	0.4	1.0	0.7	0.7	0.6
1974	0.6	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.4	1.7	1.0	0.5	0.6
1975	0.6	0.6	0.5	0.3	0.1	0.2	0.3	0.1	0.5	0.6	0.8	0.7	0.4
MEAN	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.8	1.2	0.9	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 136

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.0	2.9	2.0	1.5	2.4	1.0	0.8	0.5	2.9	3.0	3.1	1.0
1957	2.4	2.8	1.6	2.2	2.1	1.4	1.0	1.7	1.8	2.5	3.5	2.4
1958	3.0	1.4	2.6	2.2	2.4	1.3	1.0	1.2	2.1	3.2	2.0	2.8
1959	2.2	3.1	3.0	1.7	2.0	1.6	1.3	1.1	2.9	3.0	2.9	3.2
1960	1.9	2.8	2.4	2.2	1.9	2.1	1.1	1.5	3.3	2.2	2.4	2.5
1961	2.9	2.6	2.4	2.2	1.6	1.5	1.1	1.6	2.7	2.5	2.7	2.0
1962	2.7	2.3	4.1	2.2	1.5	1.4	0.7	2.5	3.1	2.5	2.7	2.5
1963	2.3	3.4	2.7	2.3	2.4	2.3	0.9	1.0	3.4	4.6	2.8	3.6
1964	2.1	2.0	1.6	2.4	2.4	1.3	1.6	2.5	4.6	3.2	3.0	2.9
1965	2.4	2.6	2.3	2.2	0.9	1.5	1.5	1.0	3.2	3.7	2.5	2.3
1966	2.6	3.2	2.2	1.8	2.4	2.4	2.4	2.1	1.6	2.3	2.6	2.5
1967	1.8	2.3	2.7	2.3	1.8	2.0	1.0	1.1	2.5	2.3	2.3	2.0
1968	2.8	1.4	1.7	1.1	1.5	3.1	1.2	1.0	1.3	2.5	1.3	2.2
1969	2.5	2.3	2.3	2.4	2.4	1.6	0.9	2.0	2.8	3.3	4.0	1.9
1970	2.9	2.3	1.7	1.8	2.0	1.4	1.0	1.3	2.0	3.5	2.3	1.9
1971	2.1	2.4	2.0	1.3	1.2	0.9	1.2	1.4	2.4	3.4	2.7	3.9
1972	2.8	3.0	2.2	2.6	2.6	2.7	2.0	0.7	2.2	3.2	2.5	2.3
1973	2.5	2.5	2.2	1.3	1.4	2.1	0.4	1.0	2.1	2.7	3.0	2.2
1974	2.4	2.1	1.5	1.5	1.5	0.7	0.6	0.6	2.7	3.8	2.5	2.1
1975	2.4	2.7	1.9	1.3	0.9	1.3	0.9	0.7	2.8	2.5	2.5	2.8

LARGEST HS(METRES) FOR STATION 136 = 4.6

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL	
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0	-	0.49										122	66
0.50	-	0.99	3545	4402	2520	1161	359	278	1			2879	140
1.00	-	1.49		287	1565	624	259	147				140	1
1.50	-	1.99			13	70	51	6				1	0
2.00	-	2.49					1					0	0
2.50	-	2.99										0	0
3.00	-	3.49										0	0
3.50	-	3.99										0	0
4.00	-	4.49										0	0
4.50	-	4.99										0	0
5.00	-	5.49										0	0
TOTAL		3545	4669	4098	1855	667	431	1	0	0	0		

AVERAGE HS(M) = 0.29 LARGEST HS(M) = 1.50 ANGLE CLASS % = 15.3

AVERAGE HS(M) = 0.29 LARGEST HS(M) = 1.50 ANGLE CLASS % = 15.3

STATION 137 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
SHORELINE ANGLE = 344.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0	-	0.49									16892
1.00	-	0.99									7427
1.50	-	1.49									1980
2.00	-	1.99									513
2.50	-	2.49									149
3.00	-	2.99									19
3.50	-	3.49									1
4.00	-	3.99									0
4.50	-	4.49									0
5.00	-	4.99									0
5.00	GREATER										0
TOTAL	1326	2660	2546	1386	4125	8073	6547	318	0	0	

AVERAGE HS(M) = 0.50 LARGEST HS(M) = 3.07 ANGLE CLASS % = 27.0

STATION 137 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
SHOPELINE ANGLE = 344.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

AVERAGE HS(M) = 0.86 LARGEST HS(M) = 4.62 ANGLE CLASS % = 18.4

REF) REPTOR (SECONDS)

UNIT	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000
GREATER	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

AVERAGE HS(M) = 1.00 LARGEST HS(M) = 4.70 ANGLE CLASS % = 24.6

PERIODS OF OCCURRENCE (ALSO, BY HEIGHT AND PERIOD OF DIRECTION)

Category	Count	Percentage
0-10	414	0.49
11-20	446	0.53
21-30	135	0.16
31-40	193	0.23
41-50	376	0.45
51-60	89	0.11
61-70	68	0.08
71-80	191	0.23
81-90	90	0.11
91-100	162	0.20
101-110	163	0.20
111-120	15	0.02
121-130	1	0.00
131-140	1	0.00
141-150	1	0.00
151-160	1	0.00
161-170	1	0.00
171-180	1	0.00
181-190	1	0.00
191-200	1	0.00
201-210	1	0.00
211-220	1	0.00
221-230	1	0.00
231-240	1	0.00
241-250	1	0.00
251-260	1	0.00
261-270	1	0.00
271-280	1	0.00
281-290	1	0.00
291-300	1	0.00
301-310	1	0.00
311-320	1	0.00
321-330	1	0.00
331-340	1	0.00
341-350	1	0.00
351-360	1	0.00
361-370	1	0.00
371-380	1	0.00
381-390	1	0.00
391-400	1	0.00
401-410	1	0.00
411-420	1	0.00
421-430	1	0.00
431-440	1	0.00
441-450	1	0.00
451-460	1	0.00
461-470	1	0.00
471-480	1	0.00
481-490	1	0.00
491-500	1	0.00
501-510	1	0.00
511-520	1	0.00
521-530	1	0.00
531-540	1	0.00
541-550	1	0.00
551-560	1	0.00
561-570	1	0.00
571-580	1	0.00
581-590	1	0.00
591-600	1	0.00
601-610	1	0.00
611-620	1	0.00
621-630	1	0.00
631-640	1	0.00
641-650	1	0.00
651-660	1	0.00
661-670	1	0.00
671-680	1	0.00
681-690	1	0.00
691-700	1	0.00
701-710	1	0.00
711-720	1	0.00
721-730	1	0.00
731-740	1	0.00
741-750	1	0.00
751-760	1	0.00
761-770	1	0.00
771-780	1	0.00
781-790	1	0.00
791-800	1	0.00
801-810	1	0.00
811-820	1	0.00
821-830	1	0.00
831-840	1	0.00
841-850	1	0.00
851-860	1	0.00
861-870	1	0.00
871-880	1	0.00
881-890	1	0.00
891-900	1	0.00
901-910	1	0.00
911-920	1	0.00
921-930	1	0.00
931-940	1	0.00
941-950	1	0.00
951-960	1	0.00
961-970	1	0.00
971-980	1	0.00
981-990	1	0.00
991-1000	1	0.00
TOTAL	414	0.49
GREATER	945	0.53
	1557	0.16
	1340	0.23
	1487	0.20
	1639	0.20
	60	0.02
	1	0.00
	0	0.00
	0	0.00

AVERAGE HS(M) = 1.04 LARGEST HS(M) = 2.88 ANGLE CLASS % = 7.5

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

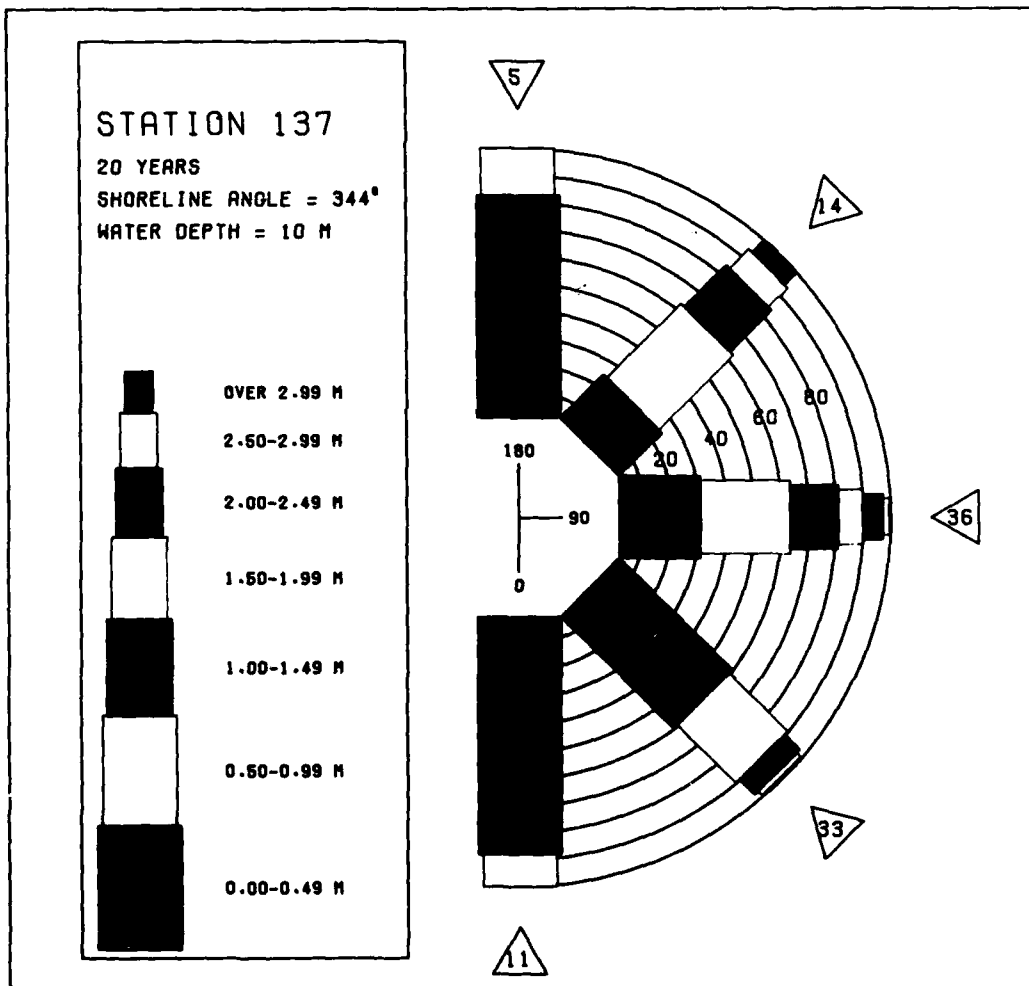
AVERAGE HS(M) = 0.39 LARGEST HS(M) = 1.61 ANGLE CLASS % = 7.2

STATION 137 20 YEARS FOR ALL DIRECTIONS
SHORELINE ANGLE = 344.0 DEGREES AZIMUTH

PERCENT OCCURRENCE(X100) OF

REF: EFFECT PERIOD:

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0	0.49											4809
0.0	0.99	766	695	352	254	701	899	666	59	47	170	4809
0.0	1.49		399	940	122	122	555	378	95	126	66	2949
0.0	1.99			142	420	116	222	129	53	77	34	1632
0.0	2.49				58	150	191	69	17	31	16	1332
0.0	2.99					45	241	56	10	9	7	1368
0.0	3.49						21	72	7	2	1	1033
0.0	3.99							4	12	2		18
0.0	4.49											0
0.0	4.99											0
0.0	5.00											0
TOTAL		766	1294	1434	1000	1134	2129	1374	253	296	294	
AVE HS (M) = 0.69		LARGEST HS (M) = 4.70		TOTAL CASES =		58440						



MEAN HS(METRES) BY MONTH AND YEAR

STATION 137

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.5	0.7	0.4	0.4	0.7	0.3	0.2	0.2	0.6	1.4	1.2	0.6	0.6
1957	0.9	1.0	0.5	1.0	0.6	0.5	0.3	0.5	0.7	1.1	1.1	0.8	0.7
1958	0.9	0.5	0.6	0.7	0.6	0.3	0.4	0.4	0.7	1.2	0.7	1.1	0.7
1959	0.8	1.0	1.1	0.7	0.6	0.5	0.6	0.3	1.2	1.2	1.4	1.1	0.9
1960	0.7	0.9	0.9	0.7	0.4	0.5	0.3	0.5	1.2	1.0	0.9	0.9	0.7
1961	0.9	0.8	0.7	0.6	0.6	0.5	0.4	0.6	0.8	1.3	0.9	0.7	0.7
1962	1.0	0.8	1.1	0.7	0.4	0.5	0.2	0.5	0.6	0.9	1.0	0.8	0.7
1963	0.8	1.4	1.0	0.8	0.7	0.5	0.3	0.2	1.2	1.5	0.9	0.8	0.8
1964	0.7	0.6	0.7	0.8	0.6	0.3	0.5	0.5	1.4	1.7	1.3	1.1	0.8
1965	0.7	1.0	0.6	0.6	0.3	0.6	0.3	0.2	1.4	1.1	1.1	0.8	0.7
1966	0.9	1.1	0.8	0.6	0.7	0.8	0.8	0.6	0.4	0.9	1.2	0.6	0.8
1967	0.6	0.7	0.8	0.8	0.5	0.7	0.4	0.4	1.0	0.8	0.7	0.6	0.7
1968	0.8	0.4	0.4	0.2	0.3	0.7	0.4	0.4	0.5	0.9	0.4	0.4	0.5
1969	1.1	0.8	0.5	0.8	0.9	0.5	0.3	0.7	0.9	1.4	1.0	0.5	0.8
1970	1.0	0.8	0.6	0.6	0.6	0.5	0.2	0.4	0.5	1.4	0.5	0.4	0.6
1971	0.6	0.7	0.5	0.3	0.4	0.2	0.3	0.4	0.7	0.8	1.1	1.4	0.6
1972	0.9	1.0	0.6	0.6	1.0	0.7	0.5	0.3	0.6	1.3	0.9	0.7	0.7
1973	1.0	1.0	0.9	0.6	0.4	0.5	0.2	0.2	0.4	1.0	0.7	0.7	0.6
1974	0.6	0.5	0.3	0.4	0.3	0.3	0.3	0.2	0.4	1.7	1.0	0.5	0.6
1975	0.6	0.6	0.5	0.3	0.1	0.2	0.3	0.1	0.5	0.6	0.8	0.7	0.4
MEAN	0.8	0.8	0.7	0.6	0.5	0.5	0.4	0.4	0.8	1.2	0.9	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 137

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.1	2.9	2.0	1.4	2.4	1.0	0.8	0.5	2.9	3.0	3.1	0.9	
1957	2.4	2.9	1.7	2.2	2.1	1.4	1.0	1.7	1.8	2.5	3.5	2.4	
1958	3.1	1.5	2.6	2.2	2.4	1.3	1.0	1.2	2.1	3.3	2.0	2.8	
1959	2.2	3.1	3.0	2.0	2.0	1.8	1.3	1.1	3.0	3.0	2.9	3.2	
1960	2.0	2.7	2.4	2.2	1.9	2.2	1.1	1.6	3.2	2.3	2.4	2.5	
1961	2.7	2.6	2.4	2.2	1.6	1.5	1.1	1.6	2.7	2.5	2.7	2.0	
1962	2.7	2.3	4.1	2.2	1.5	1.4	0.7	2.5	3.1	2.5	2.7	2.6	
1963	2.3	3.4	2.7	2.3	2.5	2.3	0.9	1.0	3.4	4.6	2.8	3.6	
1964	2.2	2.0	1.8	2.4	2.6	1.3	1.6	2.5	4.7	3.2	3.0	2.9	
1965	2.4	2.6	2.3	2.2	0.9	1.5	1.5	1.0	3.2	3.8	2.5	2.3	
1966	2.6	3.3	2.2	1.8	2.4	2.3	2.4	2.1	1.6	2.3	2.6	2.6	
1967	1.8	2.5	2.7	2.3	1.9	2.0	1.0	1.1	2.5	2.3	2.3	2.2	
1968	2.9	1.5	1.7	1.1	1.5	3.1	1.2	1.0	1.3	2.5	1.3	2.2	
1969	2.5	2.3	2.3	2.4	2.4	1.6	0.9	2.0	2.9	3.3	4.0	1.9	
1970	2.9	2.3	1.8	1.8	2.0	1.4	0.9	1.3	2.1	3.5	2.4	1.9	
1971	2.1	2.4	2.1	1.3	1.1	0.9	1.1	1.4	2.4	3.4	2.7	3.9	
1972	3.0	3.0	2.2	2.7	2.6	2.7	2.0	0.7	2.3	3.2	2.5	2.3	
1973	2.5	2.5	2.2	1.3	1.4	2.1	0.4	1.0	2.1	2.7	3.0	2.3	
1974	2.5	2.1	1.5	1.5	1.5	0.7	0.6	0.6	2.7	3.9	2.6	2.1	
1975	2.4	2.7	1.9	1.3	0.9	1.3	0.9	0.7	2.8	2.5	2.5	2.8	

LARGEST HS(METRES) FOR STATION 137 = 4.7

STATION 138 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOPELINE ANGLE = 346.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	4241	5215	3032	1639	100	1	.	.	.	.	14228
0.50 - 0.99	.	338	1613	1168	30	.	.	.	.	.	3149
1.00 - 1.49	.	.	23	133	5	.	.	.	.	.	161
1.50 - 1.99	.	.	.	1	.	.	.	.	.	.	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	4241	5553	4668	2941	135	1	0	0	0	0	0

AVERAGE HS(M) = 0.28 LARGEST HS(M) = 1.54 ANGLE CLASS % = 17.5

STATION 138 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOPELINE ANGLE = 346.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1572	1422	2419	321	3988	3930	1712	95	1	.	12920
0.50 - 0.99	.	1160	289	982	1792	1899	481	58	165	.	6855
1.00 - 1.49	.	.	.	80	188	242	150	1	153	.	1574
1.50 - 1.99	143	160	87	1	59	.	570
2.00 - 2.49	17	73	47	11	.	.	148
2.50 - 2.99	1	5	6	.	.	12
3.00 - 3.49	1	.	.	1
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1572	2782	2708	1383	4508	6305	2442	172	348	0	0

AVERAGE HS(M) = 0.54 LARGEST HS(M) = 3.04 ANGLE CLASS % = 22.2

STATION 138 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOPELINE ANGLE = 346.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	877	915	1764	63	905	467	540	152	366	455	4677
0.50 - 0.99	.	927	297	864	118	696	1394	687	1069	480	7198
1.00 - 1.49	.	.	.	143	59	342	484	169	682	650	3467
1.50 - 1.99	24	334	123	200	232	249	1293
2.00 - 2.49	63	369	119	196	30	106	1000
2.50 - 2.99	6	119	17	18	1	174
3.00 - 3.49	1	3	1	.	15
3.50 - 3.99	1	1	.	2
4.00 - 4.49	1	.	1
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	877	1842	2061	1070	1387	2014	2775	1155	2400	1959	0

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 4.56 ANGLE CLASS % = 17.6

PERCENT OCCURRENCE X 10000 OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL	
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER		
0.0		829				1858	2623	874	112	106	75	7303
0.5			826			186	2623	874	112	106	75	7303
1.0			951			147	2623	1309	167	214	106	7303
1.5				1851		147	2623	1309	167	214	106	7303
2.0				494		634	2623	1309	167	214	106	7303
2.5				1	1264	176	2623	1309	167	214	106	7303
3.0					287		2623	1309	167	214	106	7303
3.5							2623	1309	167	214	106	7303
4.0							2623	1309	167	214	106	7303
4.5							2623	1309	167	214	106	7303
5.0							2623	1309	167	214	106	7303
5.5							2623	1309	167	214	106	7303
6.0							2623	1309	167	214	106	7303
6.5							2623	1309	167	214	106	7303
7.0							2623	1309	167	214	106	7303
7.5							2623	1309	167	214	106	7303
8.0							2623	1309	167	214	106	7303
8.5							2623	1309	167	214	106	7303
9.0							2623	1309	167	214	106	7303
9.5							2623	1309	167	214	106	7303
10.0							2623	1309	167	214	106	7303
10.5							2623	1309	167	214	106	7303
11.0							2623	1309	167	214	106	7303
11.5							2623	1309	167	214	106	7303
12.0							2623	1309	167	214	106	7303
12.5							2623	1309	167	214	106	7303
13.0							2623	1309	167	214	106	7303
13.5							2623	1309	167	214	106	7303
14.0							2623	1309	167	214	106	7303
14.5							2623	1309	167	214	106	7303
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17.5							2623	1309	167	214	106	7303
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18.5							2623	1309	167	214	106	7303
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19.5							2623	1309	167	214	106	7303
20.0							2623	1309	167	214	106	7303
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27.0							2623	1309	167	214	106	7303
27.5							2623	1309	167	214	106	7303
28.0							2623	1309	167	214	106	7303
28.5							2623	1309	167	214	106	7303
29.0							2623	1309	167	214	106	7303
29.5							2623	1309	167	214	106	7303
30.0							2623	1309	167	214	106	7303
30.5							2623	1309	167	214	106	7303
31.0							2623	1309	167	214	106	7303
31.5							2623	1309	167	214	106	7303
32.0							2623	1309	167	214	106	7303
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34.0							2623	1309	167	214	106	7303
34.5							2623	1309	167	214	106	7303
35.0							2623	1309	167	214	106	7303
35.5							2623	1309	167	214	106	7303
36.0							2623	1309	167	214	106	7303
36.5							2623	1309	167	214	106	7303
37.0							2623	1309	167	214	106	7303
37.5							2623	1309	167	214	106	7303
38.0							2623	1309	167	214	106	7303
38.5							2623	1309	167	214	106	7303
39.0							2623	1309	167	214	106	7303
39.5							2623	1309	167	214	106	7303
40.0							2623	1309	167	214	106	7303
40.5							2623	1309	167	214	106	7303
41.0							2623	1309	167	214	106	7303
41.5							2623	1309	167	214	106	7303
42.0							2623	1309	167	214	106	7303
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44.5							2623	1309	167	214	106	7303
45.0							2623	1309	167	214	106	7303
45.5							2623	1309	167	214	106	7303
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46.5							2623	1309	167	214	106	7303
47.0							2623	1309	167	214	106	7303
47.5							2623	1309	167	214	106	7303
48.0							2623	1309	167	214	106	7303
48.5							2623	1309	167	214	106	7303
49.0							2623	1309	167	214	106	7303
49.5							2623	1309	167	214	106	7303
50.0							2623	1309	167	214	106	7303
50.5							2623	1309	167	214	106	7303
51.0							2623	1309	167	214	106	7303
51.5							2623	1309	167	214	106	7303
52.0							2623	1309	167	214	106	7303
52.5							2623	1309	167	214	106	7303
53.0							2623	1309	167	214	106	7303
53.5							2623	1309	167	214	106	7303
54.0							2623	1309	167	214	106	7303
54.5							2623	1309	167	214	106	7303
55.0							2623	1309	167	214	106	7303
55.5							2623	1309	167	214	106	7303
56.0							2623	1309	167	214	106	7303
56.5							2623	1309	167	214	106	7303
57.0							2623	1309	167	214	106	7303
57.5							2623	1309	167	214	106	7303
58.0							2623	1309	167	214	106	7303
58.5							2623	1309	167	214	106	7303
59.0							2623	1309	167	214	106	7303
59.5							2623	1309	167	214	106	7303
60.0							2623	1309	167	214	106	7303
60.5							2623	1309	167	214	106	7303
61.0							2623	1309	167	214	106	7303
61.5							2623	1309	167	214	106	7303
62.0							2623	1309	167	214	106	7303
62.5							2623	1309	167	214	106	7303
63.0							2623	1309	167	214	106	7303
63.5							2623	1309	167	214	106	7303
64.0							2623	1309	167	214	106	7303
64.5							2623	1309	167	214	106	7303
65.0							2623	1309	167	214	106	7303
65.5							2623	1309	167	214	106	7303
66.0							2623	1309	167	214	106	7303
66.5							2623	1309	167	214	106	7303
67.0							2623	1309	167	214	106	7303
67.5							2623	1309	167	214	106	7303
68.0							2623	1309	167	214	106	7303
68.5							2623	1309	167	214	106	7303
69.0							2623					

PERCENT OCCURRENCE(X10000) OF HEIGHT AND PERIOD BY DIRECTION

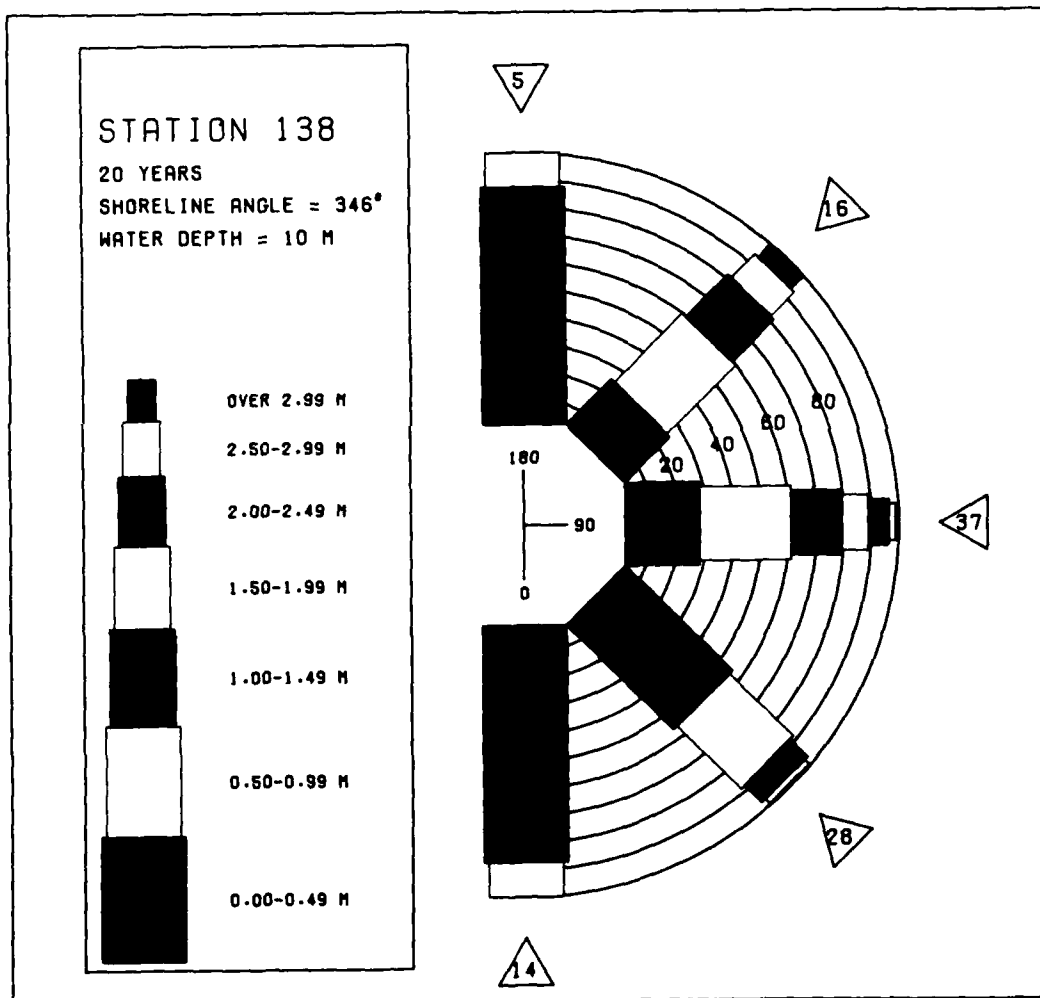
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PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0	-	-	-	-	-	-	-	-	-	-	5270
0.5	817	1076	1091	1502	766	18	.	.	.	.	2070
1.0	.	58	600	1038	366	.	.	.	.	.	85
1.5	.	.	10	41	34	.	.	.	.	.	0
2.0	.	.	.	.	1	.	.	.	.	.	0
2.5	.	.	.	.	.	.	.	.	.	.	0
3.0	.	.	.	.	.	.	.	.	.	.	0
3.5	.	.	.	.	.	.	.	.	.	.	0
4.0	.	.	.	.	.	.	.	.	.	.	0
4.5	.	.	.	.	.	.	.	.	.	.	0
5.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	817	1134	1701	2581	1167	26	0	0	0	0	0

STATION 138 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 346.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.50 - 0.49	885	1024	412	314	816	729	315	36	47	53	4631
1.00 - 0.99	.	388	951	268	103	574	315	84	145	56	2824
1.50 - 1.49	.	.	134	420	98	266	142	33	104	76	1273
2.00 - 1.99	.	.	.	59	132	243	94	13	37	34	612
2.50 - 2.49	31	218	102	9	9	15	384
3.00 - 2.99	7	73	20	4	3	107
3.50 - 3.49	2	25	7	1	35
4.00 - 3.99	1	.	7
4.50 - 4.49	1
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	885	1412	1497	1091	1180	2037	1043	230	361	238	
AVE HS(M) = 0.72 LARGEST HS(M) = 5.01 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 138

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.6	0.6	0.5	0.4	0.8	0.3	0.2	0.1	0.7	1.6	1.6	1.0	0.7
1957	0.9	1.0	0.5	1.0	0.6	0.5	0.3	0.5	0.8	1.2	1.2	0.8	0.8
1958	1.1	0.5	0.6	0.7	0.7	0.4	0.4	0.3	0.7	1.2	0.7	1.1	0.7
1959	0.8	1.0	1.1	0.7	0.6	0.4	0.6	0.4	1.2	1.2	1.5	1.3	0.9
1960	0.9	0.9	0.9	0.7	0.5	0.6	0.3	0.5	1.2	1.1	1.1	1.0	0.8
1961	0.8	0.7	0.6	0.6	0.6	0.6	0.4	0.6	0.9	1.4	0.9	0.7	0.7
1962	1.0	0.8	1.3	0.8	0.5	0.5	0.2	0.5	0.6	0.9	1.1	0.9	0.7
1963	0.9	1.3	0.9	0.8	0.7	0.4	0.2	0.2	1.3	1.6	0.9	0.9	0.9
1964	0.7	0.6	0.7	0.8	0.6	0.3	0.5	0.5	1.4	1.6	1.0	1.1	0.8
1965	0.7	1.1	0.6	0.6	0.3	0.6	0.4	0.2	1.6	1.3	1.1	0.9	0.8
1966	1.0	1.1	0.8	0.6	0.7	0.8	0.8	0.5	0.4	0.9	1.2	0.7	0.8
1967	0.6	0.8	0.9	0.8	0.5	0.7	0.4	0.5	1.1	0.9	0.7	0.7	0.7
1968	0.8	0.4	0.4	0.2	0.3	0.6	0.2	0.2	0.3	0.7	0.3	0.4	0.4
1969	1.1	0.9	0.5	0.8	0.9	0.4	0.2	0.7	0.9	1.5	1.0	0.6	0.8
1970	0.9	0.9	0.7	0.6	0.7	0.5	0.3	0.4	0.5	1.5	0.6	0.4	0.7
1971	0.6	0.7	0.5	0.4	0.4	0.2	0.3	0.4	0.8	0.9	1.1	1.5	0.7
1972	0.9	1.0	0.6	0.7	1.0	0.7	0.5	0.3	0.6	1.5	1.0	0.8	0.8
1973	0.9	1.0	0.9	0.6	0.3	0.4	0.1	0.2	0.4	1.2	0.9	0.8	0.6
1974	0.5	0.5	0.3	0.4	0.4	0.4	0.4	0.3	0.5	2.0	1.4	0.7	0.6
1975	0.7	0.5	0.5	0.4	0.1	0.1	0.3	0.1	0.5	0.6	0.8	0.8	0.4
MEAN	0.8	0.8	0.7	0.6	0.6	0.5	0.3	0.4	0.8	1.2	1.0	0.8	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 138

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.2	2.9	2.0	1.4	2.7	1.0	0.8	0.5	3.0	3.4	3.2	1.4
1957	2.5	2.9	1.8	2.5	2.0	1.4	1.0	1.8	1.8	2.6	3.5	2.4
1958	3.3	1.7	2.3	2.2	2.1	1.5	1.3	1.1	2.1	3.2	2.1	2.8
1959	2.2	3.0	2.8	1.8	2.0	1.4	1.3	1.1	3.2	3.0	2.9	3.2
1960	2.0	2.8	2.3	2.1	2.1	2.3	0.9	1.7	3.2	2.2	2.3	2.7
1961	2.6	2.4	2.3	2.2	1.6	1.7	1.0	1.7	2.5	2.7	2.7	2.1
1962	3.1	2.4	4.6	2.3	1.6	1.4	0.8	2.2	3.0	2.4	2.9	3.4
1963	2.4	3.6	2.8	2.3	2.5	2.3	0.9	0.9	4.3	5.0	2.9	3.6
1964	2.3	2.0	1.9	2.3	2.7	1.1	1.7	2.6	3.0	3.5	2.7	2.9
1965	2.5	2.4	2.3	2.4	0.9	1.5	1.6	1.0	3.7	4.0	2.5	2.4
1966	2.5	3.2	2.4	1.9	2.4	2.3	2.3	2.0	1.5	2.4	3.0	2.6
1967	2.0	2.6	2.7	2.4	2.0	2.0	1.2	1.1	2.5	2.4	2.5	2.1
1968	2.8	1.6	1.8	1.0	1.5	2.9	0.9	0.8	1.1	2.6	1.3	2.1
1969	2.5	2.3	1.7	2.5	2.4	1.5	0.9	2.0	3.1	3.6	3.9	2.0
1970	3.0	2.3	2.1	1.4	2.3	1.5	0.9	1.2	2.1	3.7	2.6	1.8
1971	2.0	2.1	1.9	1.4	1.0	1.0	1.1	1.3	2.4	3.6	2.9	4.3
1972	3.1	3.3	2.2	2.8	2.7	2.6	1.7	0.7	2.3	3.3	2.5	2.5
1973	2.4	2.5	2.2	1.4	1.4	2.0	0.5	1.1	2.2	2.9	3.3	2.3
1974	2.5	2.0	1.7	1.6	1.1	0.7	0.7	0.6	2.9	4.0	2.8	2.1
1975	2.3	2.5	1.6	1.5	0.7	1.1	1.0	0.7	2.4	2.5	2.6	2.8

LARGEST HS(METRES) FOR STATION 138 = 5.0

STATION 139 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	4392	5297	3112	1697	106	1	.	.	.	.	14605
0.50 - 0.99	.	319	1593	1054	30	.	.	.	.	.	2996
1.00 - 1.49	.	.	25	106	3	.	.	.	.	.	134
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	4392	5616	4730	2857	139	1	0	0	0	0	0

AVERAGE HS(M) = 0.27 LARGEST HS(M) = 1.42 ANGLE CLASS % = 17.7

STATION 139 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1629	1671	2592	316	4154	4209	1683	119	10	.	13475
0.50 - 0.99	.	1196	306	990	159	1582	412	35	171	.	6463
1.00 - 1.49	.	.	.	65	200	249	131	1	62	.	1958
1.50 - 1.99	157	145	80	1	13	.	461
2.00 - 2.49	20	73	46	11	.	.	150
2.50 - 2.99	1	5	6	.	.	12
3.00 - 3.49	1	.	.	1
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1629	2867	2898	1371	4690	6259	2357	173	276	0	0

AVERAGE HS(M) = 0.52 LARGEST HS(M) = 3.04 ANGLE CLASS % = 22.5

STATION 139 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	788	889	1613	61	1009	496	561	159	373	462	4737
0.50 - 0.99	.	932	301	917	121	756	1440	685	1018	468	7092
1.00 - 1.49	.	.	.	186	287	284	521	177	746	468	3666
1.50 - 1.99	68	263	150	90	241	350	1473
2.00 - 2.49	470	154	28	42	111	870
2.50 - 2.99	10	143	35	18	18	212
3.00 - 3.49	1	3	20	6	62
3.50 - 3.99	3	15	1	19
4.00 - 4.49	1	1	2
4.50 - 4.99	1
5.00 - GREATER	0
TOTAL	788	1821	1914	1164	1555	2279	2970	1198	2475	1970	0

AVERAGE HS(M) = 0.90 LARGEST HS(M) = 4.56 ANGLE CLASS % = 18.2

STATION 139 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	783	740	1764	46	2298	2662	881	107	97	68	7636
0.50-0.99	.	853	1764	1264	189	2033	1242	167	2033	1150	4741
1.00-1.49	.	.	470	273	140	1610	871	167	2033	1150	4741
1.50-1.99	939	1540	571	167	2033	1150	4741
2.00-2.49	177	61	50	241	13	1	408
2.50-2.99	331
3.00-3.49	15
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	783	1593	2235	1583	3443	9950	4846	980	851	437	

AVERAGE HS(M) = 1.06 LARGEST HS(M) = 5.10 ANGLE CLASS % = 26.7

STATION 139 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	467	535	3	362	154	150	3	.	.	.	1312
0.50-0.99	.	407	1192	831	159	176	6	.	.	.	2304
1.00-1.49	.	.	231	88	593	427	11	3	.	.	2096
1.50-1.99	335	744	34	.	.	.	1201
2.00-2.49	58	287	75	3	.	.	420
2.50-2.99	8	47	.	.	.	58
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	467	942	1426	1281	1299	1792	178	6	0	0	

AVERAGE HS(M) = 1.06 LARGEST HS(M) = 2.90 ANGLE CLASS % = 7.4

STATION 139 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

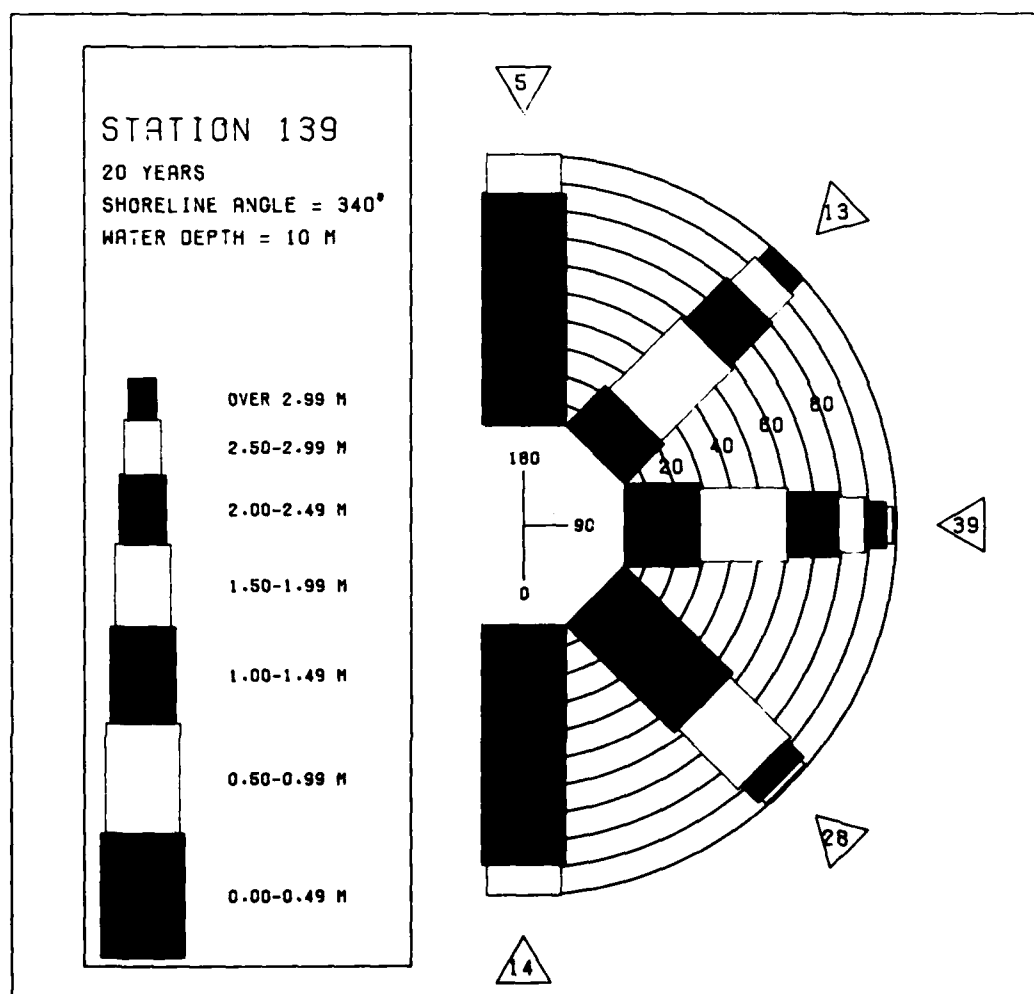
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	805	1090	1050	1432	627	17	.	.	.	.	5021
0.50-0.99	.	54	610	1216	405	6	.	.	.	.	2251
1.00-1.49	.	.	5	71	30	.	.	.	.	.	106
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	805	1144	1665	2719	1062	23	0	0	0	0	

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 1.38 ANGLE CLASS % = 7.4

STATION 139 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	886	1022	416	312	835	753	312	38	48	53		4675
0.50-0.99	.	376	936	305	106	535	310	91	140	54		2853
1.00-1.49	.	.	133	418	103	257	139	34	106	76		1266
1.50-1.99	.	.	.	61	142	238	91	13	34	34		613
2.00-2.49	32	237	101	19	10	16		405
2.50-2.99	8	78	27	4	4		113
3.00-3.49	3	1	7	1		58
3.50-3.99	1	.		10
4.00-4.49		0
4.50-4.99		0
5.00- GREATER		0
TOTAL	886	1398	1485	1096	1218	2028	1034	232	357	238		

AVE HS(M) = 0.72 LARGEST HS(M) = 5.10 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 139

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.6	0.6	0.5	0.4	0.8	0.3	0.2	0.1	0.7	1.6	1.6	1.0	0.7
1957	0.9	1.0	0.5	0.9	0.6	0.5	0.3	0.5	0.7	1.2	1.2	0.8	0.8
1958	1.1	0.5	0.6	0.7	0.7	0.3	0.4	0.3	0.7	1.3	0.7	1.1	0.7
1959	0.9	1.0	1.1	0.7	0.6	0.4	0.5	0.3	1.2	1.2	1.5	1.3	0.9
1960	0.9	0.9	0.9	0.7	0.5	0.6	0.3	0.5	1.2	1.0	1.1	1.1	0.8
1961	0.9	0.7	0.6	0.6	0.6	0.6	0.4	0.6	0.9	1.4	1.0	0.7	0.7
1962	1.0	0.8	1.3	0.8	0.5	0.5	0.2	0.5	0.6	0.9	1.1	0.9	0.8
1963	0.9	1.3	0.9	0.8	0.7	0.4	0.2	0.2	1.3	1.7	1.0	0.9	0.9
1964	0.7	0.7	0.7	0.7	0.6	0.3	0.5	0.5	1.4	1.6	1.0	1.1	0.8
1965	0.7	1.0	0.6	0.6	0.3	0.6	0.3	0.2	1.6	1.3	1.1	0.9	0.8
1966	1.0	1.1	0.8	0.6	0.7	0.8	0.7	0.5	0.4	0.9	1.2	0.7	0.8
1967	0.7	0.8	0.9	0.8	0.5	0.7	0.4	0.5	1.1	0.9	0.7	0.7	0.7
1968	0.8	0.4	0.4	0.2	0.3	0.6	0.2	0.1	0.3	0.7	0.3	0.5	0.4
1969	1.1	0.9	0.5	0.8	0.9	0.4	0.2	0.6	0.9	1.5	1.1	0.6	0.8
1970	0.9	0.9	0.6	0.6	0.6	0.5	0.3	0.4	0.5	1.5	0.7	0.4	0.7
1971	0.7	0.7	0.5	0.4	0.4	0.2	0.3	0.4	0.8	0.9	1.2	1.5	0.7
1972	0.9	1.0	0.6	0.7	1.0	0.7	0.4	0.3	0.6	1.5	1.0	0.8	0.8
1973	0.9	1.0	0.9	0.6	0.3	0.4	0.1	0.2	0.4	1.2	0.9	0.8	0.6
1974	0.5	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.5	2.0	1.4	0.7	0.6
1975	0.7	0.5	0.5	0.4	0.1	0.1	0.3	0.1	0.5	0.6	0.8	0.8	0.4
MEAN	0.8	0.8	0.7	0.6	0.6	0.5	0.3	0.4	0.8	1.2	1.0	0.9	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 139

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.3	2.9	2.0	1.4	2.7	1.0	0.8	0.6	3.0	3.6	3.2	1.4	
1957	2.5	2.9	1.8	2.5	2.2	1.4	1.0	1.8	1.8	2.6	3.6	2.4	
1958	3.4	1.7	2.2	2.4	2.1	1.5	1.3	1.2	2.1	3.4	2.1	2.8	
1959	2.3	3.0	2.8	1.9	2.0	1.4	1.3	1.1	3.3	2.9	3.0	3.2	
1960	2.0	2.7	2.3	2.3	2.1	2.3	0.9	1.8	3.2	2.3	2.3	2.8	
1961	2.6	2.4	2.3	2.2	1.6	1.7	0.9	1.7	2.6	2.7	2.7	2.1	
1962	3.1	2.5	4.6	2.3	1.6	1.4	0.8	2.2	3.0	2.5	3.0	3.5	
1963	2.4	3.7	2.8	2.3	2.6	2.3	0.9	1.0	4.4	5.1	2.9	3.6	
1964	2.3	2.0	1.9	2.3	2.7	1.1	1.7	2.6	2.9	3.5	2.8	2.9	
1965	2.6	2.4	2.3	2.4	0.9	1.5	1.7	1.0	3.7	4.1	2.5	2.4	
1966	2.5	3.2	2.5	1.9	2.4	2.3	2.3	2.1	1.5	2.4	3.1	2.6	
1967	2.0	2.7	2.7	2.4	2.1	2.1	1.1	1.1	2.5	2.4	2.5	2.2	
1968	2.9	1.6	1.8	1.0	1.5	3.0	0.9	0.8	1.1	2.6	1.3	2.1	
1969	2.6	2.3	1.9	2.6	2.4	1.5	0.9	2.0	3.2	3.6	3.9	1.9	
1970	3.0	2.3	2.1	1.5	2.1	1.5	0.9	1.3	2.1	3.8	2.7	1.8	
1971	2.0	2.1	1.9	1.4	1.0	1.0	1.1	1.3	2.4	3.6	2.9	4.3	
1972	3.1	3.4	2.2	2.8	2.7	2.6	1.7	0.7	2.3	3.3	2.5	2.5	
1973	2.6	2.6	2.2	1.4	1.4	2.0	0.5	1.1	2.2	3.0	3.3	2.3	
1974	2.5	2.1	1.7	1.6	1.1	0.7	0.7	0.6	2.9	4.0	2.8	2.1	
1975	2.3	2.5	1.7	1.5	0.7	1.1	1.0	0.7	2.4	2.5	2.6	2.8	

LARGEST HS(METRES) FOR STATION 139 = 5.1

STATION 140 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOVELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	4464	5340	3141	1714	109	1	.	.	.	.	14769
0.50 - 0.99	.	321	1553	1006	22	.	.	.	.	.	2902
1.00 - 1.49	.	.	17	102	6	.	.	.	.	.	125
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	4464	5661	4711	2822	137	1	0	0	0	0	0

AVERAGE HS(M) = 0.26 LARGEST HS(M) = 1.44 ANGLE CLASS % = 17.8

STATION 140 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOVELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1581	1683	2652	337	4349	4279	1709	119	10	3	13733
0.50 - 0.99	.	1220	308	983	162	1541	412	35	107	.	6533
1.00 - 1.49	.	.	.	75	169	155	183	3	126	.	1069
1.50 - 1.99	17	78	44	11	27	.	150
2.00 - 2.49	1	3	1	.	.	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1581	2903	2960	1395	4900	6302	2375	174	330	3	0

AVERAGE HS(M) = 0.52 LARGEST HS(M) = 3.04 ANGLE CLASS % = 22.9

STATION 140 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOVELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	780	855	1606	58	930	504	545	159	374	463	4610
0.50 - 0.99	.	901	306	951	121	799	1433	2005	1014	463	7203
1.00 - 1.49	.	.	.	179	302	506	1054	2005	2005	463	1400
1.50 - 1.99	77	15	15	3	1	1	150
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	780	1756	1912	1188	1500	2401	3049	1237	2467	1987	0

AVERAGE HS(M) = 0.93 LARGEST HS(M) = 4.56 ANGLE CLASS % = 18.3

STATION 140 - 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9											
SHORELINE ANGLE = 338.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	754	723	175	5	2299	2655	865	106	99	65	7566
0.50 - 0.99	.	816	48	127	184	1814	1235	145	210	83	7346
1.00 - 1.49	.	.	1	205	733	1610	604	140	210	114	4674
1.50 - 1.99	177	1574	304	24	20	46	2890
2.00 - 2.49	6	30	152	27	13	239
2.50 - 2.99	8	1	6	13
3.00 - 3.49	13
3.50 - 3.99	13
4.00 - 4.49	13
4.50 - 4.99	13
5.00 - GREATER	13
TOTAL	754	1539	2236	1594	3432	9939	4740	941	801	423	0
AVERAGE HS(M) = 1.05 LARGEST HS(M) = 5.10 ANGLE CLASS % = 26.4											

STATION 140 - 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9											
SHORELINE ANGLE = 338.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	450	537	6	373	133	119	5	.	.	.	1250
0.50 - 0.99	.	417	1137	812	143	136	6	.	.	.	2214
1.00 - 1.49	.	.	205	83	603	384	11	3	.	.	2014
1.50 - 1.99	59	275	73	.	.	.	1156
2.00 - 2.49	6	46	1	.	.	407
2.50 - 2.99	53
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	450	954	1348	1268	1260	1646	164	4	0	0	0
AVERAGE HS(M) = 1.06 LARGEST HS(M) = 2.99 ANGLE CLASS % = 7.1											

STATION 140 - 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9											
SHORELINE ANGLE = 338.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	797	1071	1043	1387	590	17	.	.	.	.	4905
0.50 - 0.99	.	49	631	1269	436	1	.	.	.	.	2384
1.00 - 1.49	.	.	5	78	34	.	.	.	.	.	117
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	797	1120	1679	2734	1060	18	0	0	0	0	0
AVERAGE HS(M) = 0.40 LARGEST HS(M) = 1.39 ANGLE CLASS % = 7.4											

MEAN HS(METRES) BY MONTH AND YEAR

STATION 140

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.6	0.6	0.5	0.4	0.8	0.3	0.2	0.1	0.7	1.6	1.6	1.0	0.7
1957	0.9	1.0	0.5	0.9	0.5	0.5	0.3	0.5	0.7	1.2	1.2	0.8	0.8
1958	1.1	0.5	0.6	0.7	0.7	0.3	0.4	0.3	0.7	1.3	0.7	1.1	0.7
1959	0.9	1.0	1.1	0.7	0.6	0.4	0.5	0.3	1.2	1.2	1.5	1.3	0.9
1960	0.9	0.9	0.9	0.7	0.5	0.6	0.3	0.5	1.2	1.0	1.1	1.1	0.8
1961	0.9	0.7	0.6	0.6	0.6	0.6	0.4	0.6	0.9	1.4	1.0	0.7	0.7
1962	1.0	0.8	1.3	0.8	0.5	0.5	0.2	0.5	0.6	0.9	1.1	0.9	0.8
1963	0.9	1.3	0.9	0.8	0.7	0.4	0.2	0.2	1.3	1.7	1.0	0.9	0.9
1964	0.7	0.7	0.7	0.7	0.6	0.3	0.5	0.5	1.4	1.6	1.0	1.1	0.8
1965	0.7	1.0	0.6	0.6	0.3	0.6	0.3	0.2	1.6	1.3	1.1	0.9	0.8
1966	1.0	1.1	0.8	0.6	0.7	0.8	0.7	0.5	0.4	0.9	1.2	0.7	0.8
1967	0.7	0.8	0.9	0.8	0.5	0.7	0.4	0.5	1.1	0.9	0.7	0.7	0.7
1968	0.8	0.4	0.4	0.2	0.3	0.6	0.2	0.1	0.3	0.7	0.3	0.5	0.4
1969	1.1	0.9	0.5	0.8	0.9	0.4	0.2	0.6	0.9	1.5	1.1	0.6	0.8
1970	1.0	0.9	0.6	0.6	0.6	0.5	0.2	0.4	0.5	1.5	0.7	0.4	0.7
1971	0.7	0.7	0.6	0.6	0.4	0.2	0.3	0.4	0.8	0.9	1.2	1.5	0.7
1972	0.9	1.1	0.6	0.7	1.0	0.7	0.4	0.3	0.6	1.5	1.0	0.8	0.8
1973	0.9	1.0	0.9	0.6	0.3	0.4	0.1	0.2	0.4	1.2	0.9	0.8	0.6
1974	0.5	0.5	0.3	0.4	0.3	0.4	0.3	0.3	0.5	2.0	1.4	0.7	0.6
1975	0.7	0.5	0.5	0.4	0.1	0.1	0.3	0.1	0.5	0.6	0.8	0.8	0.4
MEAN	0.8	0.8	0.7	0.6	0.6	0.5	0.3	0.4	0.8	1.2	1.0	0.9	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 140

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.3	2.9	2.1	1.4	2.7	1.0	0.8	0.6	3.0	3.6	3.2	1.4	
1957	2.5	2.9	1.9	2.5	2.2	1.4	1.0	1.8	1.8	2.6	3.6	2.4	
1958	3.4	1.7	2.2	2.4	2.1	1.5	1.3	1.2	2.1	3.4	2.1	2.8	
1959	2.3	3.0	2.8	1.9	2.0	1.7	1.3	1.1	3.3	2.9	3.0	3.2	
1960	2.0	2.7	2.2	2.3	2.1	2.3	0.9	1.8	3.2	2.3	2.3	2.8	
1961	2.6	2.5	2.3	2.2	1.6	1.7	0.9	1.7	2.6	2.7	2.7	2.1	
1962	3.1	2.5	4.6	2.3	1.6	1.4	0.8	2.2	3.0	2.6	3.0	3.5	
1963	2.4	3.7	2.8	2.3	2.6	2.4	0.9	1.0	4.4	5.1	2.9	3.6	
1964	2.3	2.0	1.9	2.3	2.7	1.1	1.7	2.6	2.9	3.6	2.8	2.9	
1965	2.6	2.4	2.3	2.4	0.9	1.5	1.7	1.0	3.7	4.1	2.5	2.4	
1966	2.5	3.2	2.5	2.0	2.4	2.3	2.3	2.1	1.5	2.4	3.1	2.6	
1967	2.0	2.7	2.7	2.4	2.1	2.1	1.1	1.1	2.5	2.4	2.5	2.2	
1968	2.9	1.6	1.8	1.0	1.5	3.0	0.9	0.8	1.1	2.5	1.2	2.1	
1969	2.6	2.3	1.9	2.6	2.4	1.5	0.9	2.0	3.2	3.6	3.9	1.8	
1970	3.0	2.3	2.1	1.5	2.1	1.5	0.9	1.3	2.1	3.8	2.7	1.8	
1971	2.1	2.1	1.9	1.5	1.0	1.0	1.1	1.3	2.4	3.6	2.9	4.4	
1972	3.2	3.4	2.2	2.8	2.8	2.5	1.7	0.7	2.3	3.3	2.5	2.5	
1973	2.6	2.6	2.2	1.4	1.3	2.0	0.5	1.1	2.2	3.0	3.3	2.4	
1974	2.5	2.2	1.7	1.6	1.0	0.7	0.7	0.6	2.9	4.0	2.8	2.0	
1975	2.3	2.5	1.7	1.6	0.7	1.1	1.0	0.7	2.4	2.5	2.6	2.9	

LARGEST HS(METRES) FOR STATION 140 = 5.1

STATION 141 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2980	4305	2879	2056	681	436	.	.	.	.	13337
0.50-0.99	.	350	1892	792	340	251	.	.	.	.	3625
1.00-1.49	.	.	30	104	39	1	.	.	.	.	174
1.50-1.99	1	.	.	.	.	.	8
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2980	4655	4801	2952	1061	688	0	0	0	0	0

AVERAGE HS(M) = 0.29 LARGEST HS(M) = 1.52 ANGLE CLASS % = 17.1

STATION 141 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1192	1558	2712	266	2931	3074	1353	71	8	.	10187
0.50-0.99	.	1225	376	1118	183	1199	246	22	142	.	5595
1.00-1.49	.	.	.	106	246	318	97	1	116	.	2269
1.50-1.99	167	222	59	1	44	.	599
2.00-2.49	22	121	30	6	1	.	182
2.50-2.99	6	.	.	1
3.00-3.49	1	.	.	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1192	2783	3088	1487	3549	4937	1791	110	311	0	0

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 3.03 ANGLE CLASS % = 19.3

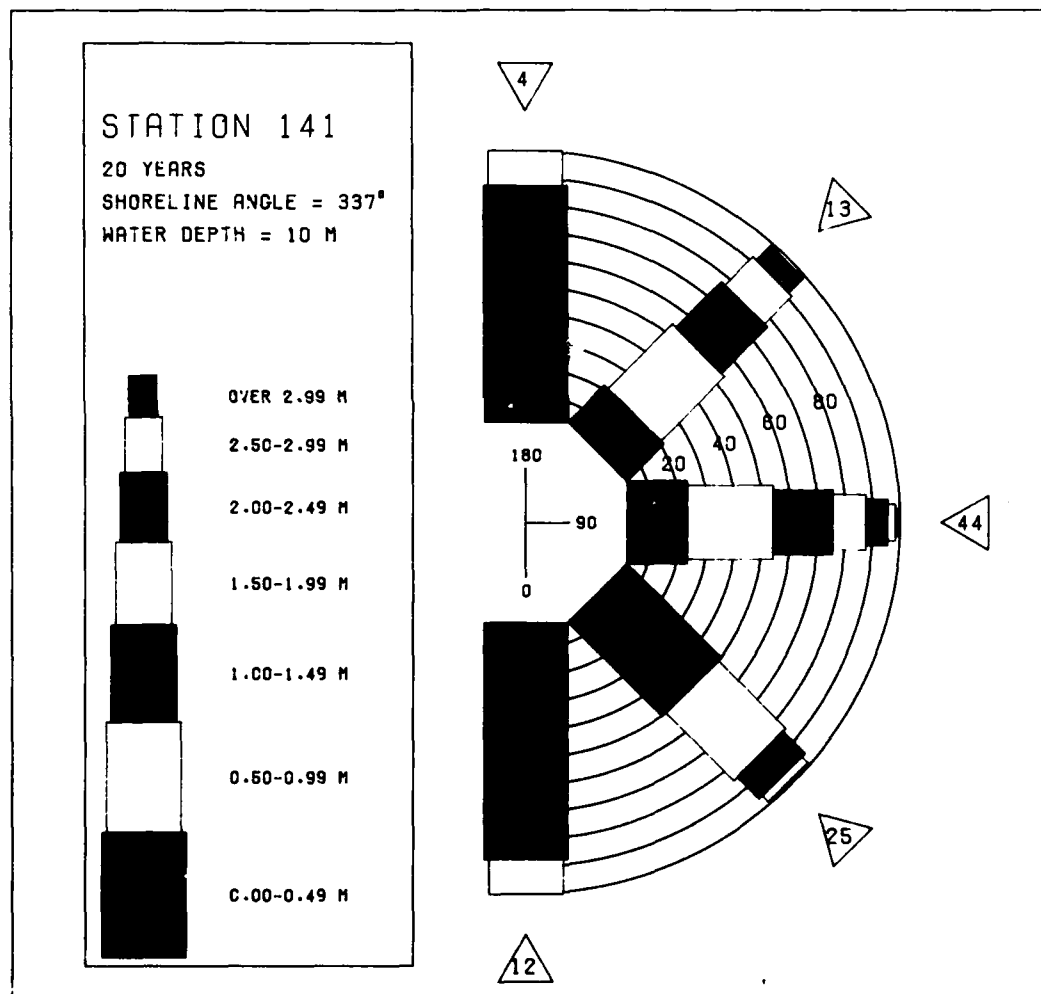
STATION 141 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	621	783	1659	65	821	343	1002	145	78	357	4150
0.50-0.99	.	831	386	1047	118	824	1158	833	328	291	2194
1.00-1.49	.	.	.	229	80	241	544	200	528	663	2049
1.50-1.99	340	283	193	200	217	247	1043
2.00-2.49	94	554	155	200	35	203	586
2.50-2.99	15	162	41	15	30	286
3.00-3.49	1	41	27	20	177
3.50-3.99	1	13	1	17
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	621	1614	2045	1341	1453	2300	3215	1299	1278	2533	0

AVERAGE HS(M) = 0.99 LARGEST HS(M) = 4.28 ANGLE CLASS % = 17.7

STATION 141 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	621	835	361	322	738	706	326	25	15	38	3987
0.50-0.99	.	348	929	215	136	728	362	90	65	53	3926
1.00-1.49	.	.	145	427	95	355	266	90	112	73	1563
1.50-1.99	.	.	.	73	140	244	166	35	61	64	803
2.00-2.49	35	240	123	35	20	31	475
2.50-2.99	7	81	50	13	15	142
3.00-3.49	5	.	1	4	54
3.50-3.99	1	17
4.00-4.49	2
4.50-4.99	0
5.00- GREATER
TOTAL	621	1183	1435	1037	1144	2280	1327	320	315	308	
AVE HS (M) = 0.82 LARGEST HS (M) = 5.03 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 141

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.8	0.7	0.7	0.6	1.0	0.6	0.4	0.4	0.9	1.9	1.9	1.3	0.9
1957	1.1	1.1	0.7	1.1	0.7	0.5	0.3	0.6	0.8	1.4	1.4	1.0	0.9
1958	1.2	0.6	0.7	0.9	0.7	0.4	0.5	0.3	0.7	1.4	0.8	1.2	0.8
1959	1.0	1.1	1.2	0.9	0.7	0.4	0.6	0.4	1.2	1.1	1.6	1.3	1.0
1960	0.9	0.9	1.0	0.7	0.5	0.7	0.3	0.6	1.2	1.1	1.3	1.2	0.9
1961	1.0	0.8	0.7	0.6	0.7	0.6	0.4	0.7	1.1	1.6	1.0	0.8	0.8
1962	1.1	1.1	1.4	0.9	0.6	0.5	0.3	0.5	0.8	1.1	1.2	1.2	0.9
1963	1.0	1.2	0.9	0.9	0.8	0.5	0.2	0.2	1.4	1.6	1.0	0.9	0.9
1964	0.8	0.7	0.8	0.8	0.7	0.3	0.6	0.5	1.5	1.7	1.2	1.2	0.9
1965	0.9	1.1	0.6	0.7	0.4	0.7	0.3	0.2	1.7	1.3	1.1	1.0	0.8
1966	1.1	1.1	0.8	0.7	0.7	1.0	0.7	0.6	0.5	1.1	1.3	0.9	0.9
1967	0.7	0.9	1.0	1.1	0.6	0.7	0.4	0.5	1.2	1.1	0.9	0.8	0.8
1968	1.0	0.6	0.5	0.4	0.4	0.5	0.2	0.1	0.3	0.8	0.4	0.5	0.5
1969	1.3	1.2	0.7	0.8	1.0	0.5	0.3	0.7	1.0	1.7	1.5	0.8	1.0
1970	1.0	1.0	0.7	0.8	0.7	0.5	0.3	0.4	0.6	1.6	0.7	0.5	0.7
1971	0.7	0.7	0.7	0.5	0.4	0.2	0.3	0.4	0.9	1.0	1.3	1.5	0.7
1972	1.0	1.1	0.7	0.8	1.2	0.7	0.5	0.4	0.8	1.6	1.1	0.9	0.9
1973	0.9	1.2	1.0	0.6	0.4	0.5	0.1	0.2	0.4	1.3	1.2	1.0	0.7
1974	0.6	0.7	0.4	0.5	0.4	0.4	0.4	0.4	0.5	2.1	1.7	0.9	0.7
1975	0.9	0.5	0.6	0.6	0.2	0.1	0.6	0.1	0.6	0.6	1.1	1.0	0.6
MEAN	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.9	1.4	1.2	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 141

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.9	2.7	2.5	1.6	2.8	1.1	0.9	0.9	2.9	3.9	3.6	2.1
1957	2.6	2.9	1.9	2.5	2.2	1.6	0.8	2.1	1.9	2.5	3.4	2.5
1958	3.9	1.9	2.4	2.3	2.1	1.4	1.5	1.3	2.1	3.3	2.1	3.0
1959	2.3	2.8	3.1	2.2	2.1	1.3	1.2	1.1	3.2	2.6	3.1	3.2
1960	2.0	2.8	2.2	2.1	2.3	2.2	0.9	1.8	3.2	2.4	2.4	2.8
1961	2.4	2.5	2.2	2.3	1.6	1.8	1.0	1.6	3.2	2.8	2.7	2.0
1962	3.1	2.7	5.0	2.4	2.2	1.5	1.3	2.1	2.8	2.8	3.4	4.9
1963	2.5	3.7	2.9	2.3	2.6	2.4	0.8	1.1	4.3	4.2	2.9	3.3
1964	2.4	2.1	1.8	2.3	3.1	0.9	2.1	2.1	4.1	4.0	2.8	2.9
1965	2.9	2.4	2.3	2.4	1.0	1.7	1.4	0.9	3.8	4.2	2.5	2.8
1966	2.5	3.1	2.5	2.0	2.4	2.1	2.3	2.2	1.4	2.7	3.3	2.6
1967	2.1	2.7	2.7	2.7	2.2	1.8	1.2	1.0	2.8	2.4	2.8	2.3
1968	3.7	1.9	2.0	1.1	1.4	2.7	0.8	0.5	1.0	2.5	1.5	2.2
1969	2.7	3.3	2.3	2.4	2.2	1.6	0.9	2.2	3.3	3.6	3.5	2.2
1970	3.0	2.4	2.3	1.6	2.2	1.6	1.0	1.4	2.1	4.3	2.5	2.0
1971	2.3	2.1	2.1	1.9	1.3	1.1	1.3	1.5	2.5	3.7	2.8	4.6
1972	3.3	3.5	2.3	3.3	3.5	2.3	1.9	0.7	2.4	3.3	2.5	2.6
1973	2.7	4.3	2.9	1.7	1.7	1.9	0.4	0.9	2.1	3.1	3.7	2.5
1974	2.5	2.3	1.9	1.5	1.2	0.9	0.9	1.0	3.0	4.3	2.9	2.0
1975	2.4	2.5	1.8	1.9	0.9	1.0	2.9	0.6	2.1	2.5	2.7	3.1

LARGEST HS(METRES) FOR STATION 141 = 5.0

STATION 142 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHOELINE ANGLE = 334.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	521	537	1425	75	1664	2215	513	32	34	10	5526
0.50 - 0.99	.	655	.	1204	165	1793	1685	177	147	25	8147
1.00 - 1.49	.	.	450	308	107	1784	1848	443	319	35	6190
1.50 - 1.99	621	1014	1119	236	304	68	3670
2.00 - 2.49	184	1430	891	124	189	77	2895
2.50 - 2.99	56	612	225	182	92	1067
3.00 - 3.49	1	29	261	107	45	440
3.50 - 3.99	1	6	119	32	164
4.00 - 4.49	20	11	31
4.50 - 4.99	1	1
5.00 - GREATER	0
TOTAL	521	1192	1875	1587	2741	10293	6698	1504	1321	413	

AVERAGE HS(M) = 1.18 LARGEST HS(M) = 5.03 ANGLE CLASS % = 28.2

STATION 142 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHOELINE ANGLE = 334.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	268	335	1	159	256	15	.	.	.	.	1034
0.50 - 0.99	.	325	.	150	686	35	.	.	.	.	2425
1.00 - 1.49	.	.	968	261	1175	44	8	.	.	.	2591
1.50 - 1.99	.	.	201	715	448	1175	44	.	.	.	1483
2.00 - 2.49	.	.	.	68	273	910	222	10	.	.	568
2.50 - 2.99	41	304	176	47	.	.	71
3.00 - 3.49	1	1	39	30	.	.	14
3.50 - 3.99	11	3	.	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	268	660	1170	1044	1072	3332	531	106	3	0	

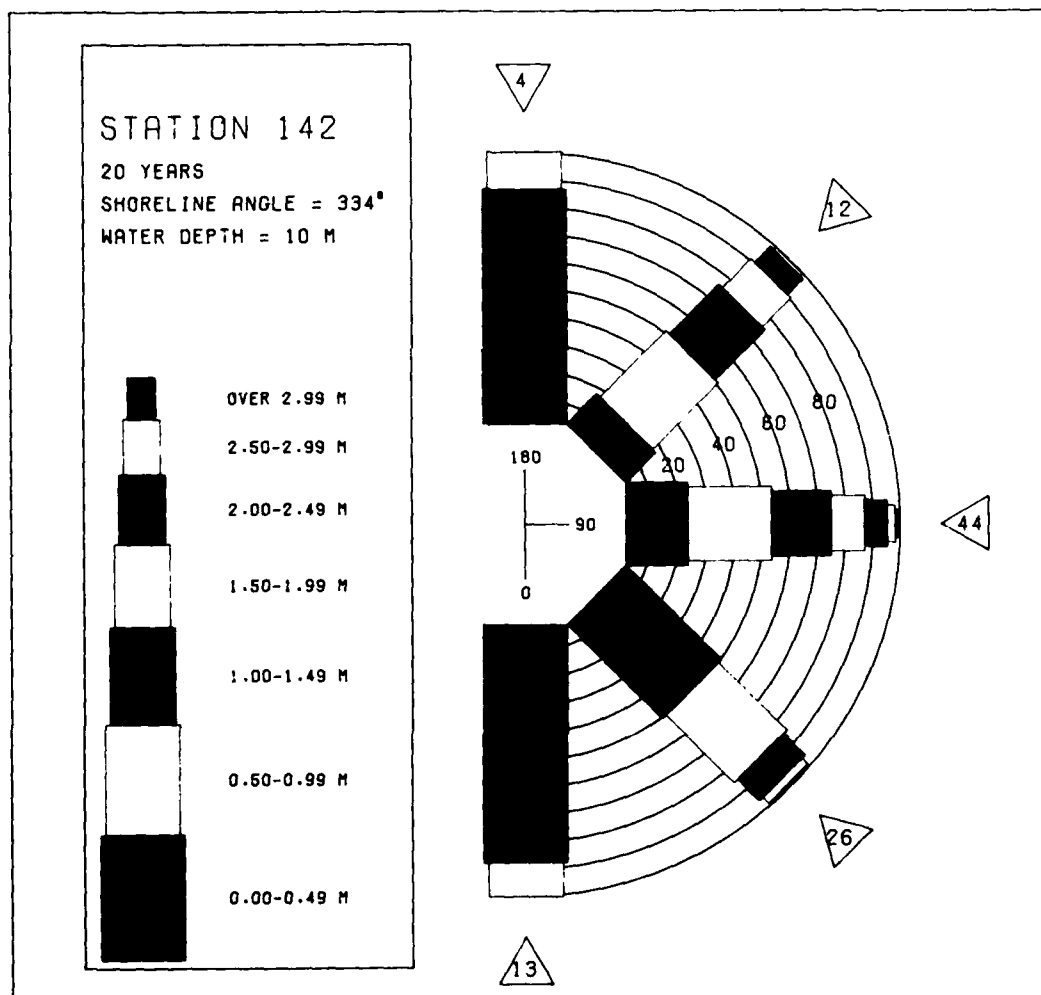
AVERAGE HS(M) = 1.15 LARGEST HS(M) = 3.39 ANGLE CLASS % = 8.2

STATION 142 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHOELINE ANGLE = 334.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	581	778	718	1098	605	22	.	.	.	.	3802
0.50 - 0.99	.	37	499	742	386	77	.	.	.	.	1741
1.00 - 1.49	.	.	3	47	.	.	.	.	.	.	89
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	581	815	1220	1887	1030	99	0	0	0	0	

AVERAGE HS(M) = 0.39 LARGEST HS(M) = 1.40 ANGLE CLASS % = 5.6

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	
0.0 - 0.49	617	833	364	317	744	715	329	26	15	38	3998
0.50 - 0.99		358	319	220	132	719	362	89	60	53	2868
1.00 - 1.49			145	427	94	361	266	89	111	73	1566
1.50 - 1.99				71	144	247	160	35	28	84	603
2.00 - 2.49					34	246	128	29	25	31	885
2.50 - 2.99						7	69	31	14	14	144
3.00 - 3.49									13	4	55
3.50 - 3.99									2	1	17
4.00 - 4.49										1	1
4.50 - 4.99											0
5.00 - GREATER											
TOTAL	617	1171	1428	1035	1148	2295	1333	320	316	307	
AVE HS(M) = 0.82 LARGEST HS(M) = 5.03 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 142

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.8	0.7	0.7	0.6	1.0	0.6	0.4	0.4	0.9	1.9	1.9	1.3	0.9
1957	1.1	1.1	0.7	1.1	0.7	0.5	0.3	0.6	0.8	1.4	1.4	1.0	0.9
1958	1.2	0.6	0.7	0.9	0.7	0.4	0.4	0.3	0.7	1.4	0.8	1.2	0.8
1959	1.0	1.1	1.2	0.9	0.7	0.4	0.6	0.4	1.2	1.1	1.6	1.4	1.0
1960	0.9	0.9	1.0	0.7	0.5	0.7	0.3	0.6	1.2	1.1	1.3	1.2	0.9
1961	1.0	0.8	0.7	0.6	0.7	0.6	0.4	0.7	1.1	1.7	1.0	0.8	0.8
1962	1.1	1.1	1.5	0.9	0.6	0.5	0.3	0.5	0.8	1.1	1.2	1.2	0.9
1963	1.1	1.3	0.9	0.9	0.8	0.5	0.2	0.2	1.4	1.6	1.0	0.9	0.9
1964	0.8	0.7	0.8	0.8	0.7	0.3	0.5	0.5	1.5	1.7	1.2	1.2	0.9
1965	1.0	1.1	0.6	0.7	0.4	0.7	0.3	0.2	1.7	1.3	1.1	1.0	0.8
1966	1.2	1.1	0.9	0.7	0.7	1.0	0.7	0.6	0.5	1.1	1.3	0.9	0.9
1967	0.8	0.9	1.0	1.1	0.6	0.7	0.4	0.5	1.2	1.1	0.9	0.8	0.8
1968	1.0	0.7	0.6	0.4	0.4	0.5	0.2	0.1	0.3	0.8	0.4	0.5	0.5
1969	1.3	1.2	0.7	0.8	1.0	0.5	0.3	0.7	1.0	1.7	1.5	0.8	1.0
1970	1.0	1.0	0.7	0.8	0.7	0.5	0.3	0.4	0.6	1.6	0.7	0.5	0.7
1971	0.7	0.7	0.7	0.5	0.4	0.2	0.3	0.4	0.9	1.0	1.3	1.5	0.7
1972	1.0	1.1	0.7	0.8	1.2	0.7	0.5	0.4	0.8	1.6	1.1	0.9	0.9
1973	0.9	1.2	1.0	0.6	0.4	0.5	0.1	0.2	0.4	1.4	1.2	1.0	0.7
1974	0.5	0.7	0.4	0.5	0.4	0.4	0.4	0.4	0.5	2.1	1.7	0.9	0.7
1975	0.9	0.5	0.7	0.6	0.2	0.1	0.6	0.1	0.6	0.6	1.1	1.0	0.6
MEAN	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.9	1.4	1.2	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 142

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.9	2.7	2.5	1.6	2.8	1.1	0.8	0.9	2.9	3.8	3.6	2.1	
1957	2.6	2.9	1.9	2.5	2.3	1.6	0.8	2.1	1.9	2.5	3.4	2.5	
1958	3.9	1.9	2.4	2.4	2.1	1.4	1.5	1.3	2.1	3.3	2.1	3.0	
1959	2.3	2.8	3.1	2.2	2.1	1.3	1.2	1.1	3.2	2.6	3.1	3.2	
1960	2.0	2.9	2.2	2.1	2.3	2.3	0.9	1.9	3.2	2.4	2.4	2.8	
1961	2.4	2.5	2.1	2.3	1.7	1.9	1.0	1.6	3.2	2.8	2.7	2.0	
1962	3.1	2.8	5.0	2.4	2.2	1.5	1.3	2.1	2.8	2.8	3.4	4.9	
1963	2.5	3.7	2.9	2.3	2.6	2.4	0.8	1.1	4.3	4.2	2.9	3.3	
1964	2.4	2.1	1.8	2.3	3.2	0.9	2.1	2.1	4.3	4.0	2.8	2.9	
1965	2.9	2.4	2.3	2.4	1.0	1.7	1.5	0.9	3.8	4.2	2.5	2.9	
1966	2.5	3.1	2.5	2.0	2.5	2.1	2.3	2.3	1.4	2.7	3.3	2.6	
1967	2.1	2.7	2.7	2.7	2.3	1.8	1.2	1.0	2.8	2.4	2.8	2.4	
1968	3.7	1.9	2.0	1.1	1.4	2.7	0.8	0.5	1.0	2.5	1.8	2.2	
1969	2.7	3.3	2.3	2.4	2.2	1.6	0.9	2.2	3.3	3.6	3.5	2.2	
1970	3.0	2.4	2.3	1.6	2.0	1.6	1.0	1.4	2.1	4.3	2.5	2.0	
1971	2.3	2.1	2.1	1.9	1.3	1.1	1.3	1.5	2.6	3.7	2.8	4.7	
1972	3.3	3.5	2.4	3.3	3.6	2.3	1.9	0.7	2.4	3.3	2.5	2.6	
1973	2.7	4.4	3.0	1.7	1.4	1.8	0.4	0.9	2.1	3.2	3.7	2.5	
1974	2.5	2.4	1.9	1.5	1.0	0.9	0.9	1.0	3.0	4.3	2.9	2.0	
1975	2.4	2.5	1.9	1.9	0.9	1.0	2.9	0.6	2.1	2.4	2.7	3.1	

LARGEST HS(METRES) FOR STATION 142 = 5.0

STATION 143 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 331.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	3169	4563	3047	2166	758	537	6	.	1	.	14247
0.5-0.99	.	364	1964	763	289	234	.	.	.	.	3614
1.0-1.49	.	.	47	111	42	.	.	.	.	.	200
1.5-1.99	0
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
10.0-10.49	0
10.5-10.99	0
11.0-11.49	0
11.5-11.99	0
12.0-12.49	0
12.5-12.99	0
13.0-13.49	0
13.5-13.99	0
14.0-14.49	0
14.5-14.99	0
15.0-15.49	0
15.5-15.99	0
16.0-16.49	0
16.5-16.99	0
17.0-17.49	0
17.5-17.99	0
18.0-18.49	0
18.5-18.99	0
19.0-19.49	0
19.5-19.99	0
20.0-20.49	0
20.5-20.99	0
21.0-21.49	0
21.5-21.99	0
22.0-22.49	0
22.5-22.99	0
23.0-23.49	0
23.5-23.99	0
24.0-24.49	0
24.5-24.99	0
25.0-25.49	0
25.5-25.99	0
26.0-26.49	0
26.5-26.99	0
27.0-27.49	0
27.5-27.99	0
28.0-28.49	0
28.5-28.99	0
29.0-29.49	0
29.5-29.99	0
30.0-30.49	0
30.5-30.99	0
31.0-31.49	0
31.5-31.99	0
32.0-32.49	0
32.5-32.99	0
33.0-33.49	0
33.5-33.99	0
34.0-34.49	0
34.5-34.99	0
35.0-35.49	0
35.5-35.99	0
36.0-36.49	0
36.5-36.99	0
37.0-37.49	0
37.5-37.99	0
38.0-38.49	0
38.5-38.99	0
39.0-39.49	0
39.5-39.99	0
40.0-40.49	0
40.5-40.99	0
41.0-41.49	0
41.5-41.99	0
42.0-42.49	0
42.5-42.99	0
43.0-43.49	0
43.5-43.99	0
44.0-44.49	0
44.5-44.99	0
45.0-45.49	0
45.5-45.99	0
46.0-46.49	0
46.5-46.99	0
47.0-47.49	0
47.5-47.99	0
48.0-48.49	0
48.5-48.99	0
49.0-49.49	0
49.5-49.99	0
50.0-50.49	0
50.5-50.99	0
51.0-51.49	0
51.5-51.99	0
52.0-52.49	0
52.5-52.99	0
53.0-53.49	0
53.5-53.99	0
54.0-54.49	0
54.5-54.99	0
55.0-55.49	0
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56.5-56.99	0
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58.0-58.49	0
58.5-58.99	0
59.0-59.49	0
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60.5-60.99	0
61.0-61.49	0
61.5-61.99	0
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62.5-62.99	0
63.0-63.49	0
63.5-63.99	0
64.0-64.49	0
64.5-64.99	0
65.0-65.49	0
65.5-65.99	0
66.0-66.49	0
66.5-66.99	0
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67.5-67.99	0
68.0-68.49	0
68.5-68.99	0
69.0-69.49	0
69.5-69.99	0
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70.5-70.99	0
71.0-71.49	0
71.5-71.99	0
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72.5-72.99	0
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79.5-79.99	0
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80.5-80.99	0
81.0-81.49	0
81.5-81.99	0
82.0-82.49	0
82.5-82.99	0
83.0-83.49	0
83.5-83.99	0
84.0-84.49	0
84.5-84.99	0
85.0-85.49	0
85.5-85.99	0
86.0-86.49	0
86.5-86.99	0
87.0-87.49	0
87.5-87.99	0
88.0-88.49	0
88.5-88.99	.	.	.</								

STATION 143 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHOELINE ANGLE = 331.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	487	511	133	6	159	2190	497	30	34	10	5355
0.50-0.99	.	593	133	6	159	2190	497	30	34	10	5355
1.00-1.49	.	.	434	119	177	1704	1610	172	135	20	5970
1.50-1.99	.	.	.	284	574	1709	1080	360	289	26	4576
2.00-2.49	177	1425	875	111	189	68	2846
2.50-2.99	58	621	219	77	90	1065
3.00-3.49	1	30	253	112	46	442
3.50-3.99	1	8	114	34	157
4.00-4.49	20	17	37
4.50-4.99	13	13
5.00- GREATER	0	0
TOTAL	487	1104	1766	1542	2618	10074	6513	1454	1274	406	

AVERAGE HS(M) = 1.19 LARGEST HS(M) = 5.18 ANGLE CLASS % = 27.3

STATION 143 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHOELINE ANGLE = 331.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	260	323	1	131	201	5	.	.	.	.	921
0.50-0.99	.	338	927	280	140	614	34	.	.	.	2333
1.00-1.49	.	.	189	682	475	1129	37	3	.	.	2315
1.50-1.99	.	.	.	83	275	651	191	10	.	.	1510
2.00-2.49	41	297	184	42	.	.	564
2.50-2.99	1	1	37	30	.	.	69
3.00-3.49	11	.	.	11
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	260	661	1117	1045	1063	3193	488	96	0	0	

AVERAGE HS(M) = 1.17 LARGEST HS(M) = 3.39 ANGLE CLASS % = 7.9

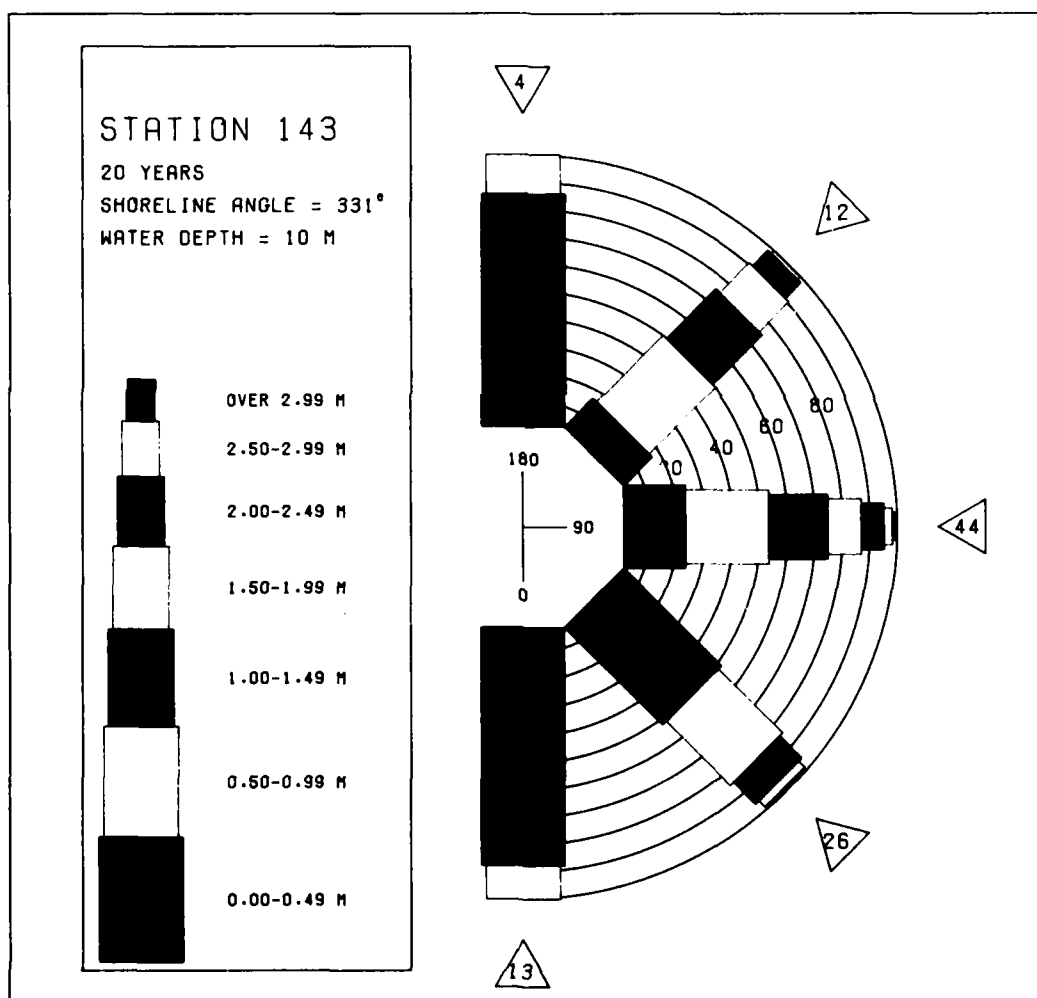
STATION 143 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHOELINE ANGLE = 331.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	583	785	715	1055	503	15	.	.	.	.	3656
0.50-0.99	.	41	464	800	366	54	.	.	.	.	1735
1.00-1.49	.	.	5	49	46	.	.	.	.	.	100
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	583	826	1214	1904	945	69	0	0	0	0	

AVERAGE HS(M) = 0.41 LARGEST HS(M) = 1.47 ANGLE CLASS % = 5.5

STATION 143 20 YEARS FOR ALL DIRECTIONS
 SHOELINE ANGLE = 331.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	- 0.49	627	846	376	322	742	730	325	26	15	39	4048
0.50-0.99	- 0.99	.	330	.	228	127	681	358	87	63	52	2289
1.00-1.49	- 1.49	.	.	145	424	98	354	266	85	112	74	1558
1.50-1.99	- 1.99	.	.	.	70	148	253	155	39	62	83	812
2.00-2.49	- 2.49	.	.	.	.	35	253	129	20	26	31	494
2.50-2.99	- 2.99	.	.	.	.	.	8	3	30	10	15	152
3.00-3.49	- 3.49	.	.	.	.	.	.	.	1	4	9	58
3.50-3.99	- 3.99	.	.	.	.	.	.	.	.	2	1	3
4.00-4.49	- 4.49	.	.	.	.	.	.	.	.	.	1	1
4.50-4.99	- 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		627	1176	1424	1044	1147	2284	1325	320	317	309	
AVE HS(M) = 0.82		LARGEST HS(M) = 5.18		TOTAL CASES =		58440						



MEAN HS(METRES) BY MONTH AND YEAR

STATION 143

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.8	0.7	0.7	0.6	1.0	0.6	0.4	0.4	0.9	1.9	1.9	1.3	0.9
1957	1.1	1.1	0.7	1.0	0.6	0.5	0.3	0.6	0.8	1.4	1.4	1.0	0.9
1958	1.2	0.6	0.8	0.9	0.7	0.4	0.4	0.3	0.7	1.4	0.8	1.3	0.8
1959	1.1	1.1	1.2	0.9	0.7	0.4	0.5	0.4	1.2	1.1	1.6	1.4	1.0
1960	0.9	0.9	1.0	0.7	0.5	0.7	0.2	0.6	1.2	1.1	1.3	1.2	0.9
1961	1.0	0.8	0.7	0.6	0.7	0.6	0.4	0.7	1.1	1.7	1.0	0.8	0.8
1962	1.1	1.1	1.5	0.9	0.6	0.5	0.3	0.5	0.8	1.1	1.3	1.2	0.9
1963	1.1	1.3	0.9	0.9	0.8	0.4	0.2	0.2	1.4	1.6	1.0	0.9	0.9
1964	0.8	0.8	0.8	0.8	0.7	0.3	0.5	0.5	1.5	1.7	1.2	1.2	0.9
1965	1.0	1.1	0.6	0.7	0.4	0.7	0.3	0.2	1.7	1.3	1.1	1.0	0.8
1966	1.2	1.1	0.9	0.7	0.7	0.9	0.7	0.5	0.5	1.1	1.4	0.9	0.9
1967	0.8	0.9	1.0	1.1	0.6	0.7	0.4	0.5	1.2	1.1	0.9	0.8	0.8
1968	1.1	0.7	0.6	0.4	0.4	0.5	0.2	0.1	0.3	0.7	0.4	0.5	0.5
1969	1.3	1.3	0.8	0.8	1.0	0.5	0.3	0.7	1.0	1.7	1.5	0.8	1.0
1970	1.1	1.0	0.7	0.7	0.7	0.5	0.2	0.4	0.6	1.6	0.8	0.5	0.7
1971	0.8	0.7	0.7	0.5	0.4	0.2	0.3	0.4	0.9	1.0	1.3	1.4	0.7
1972	1.0	1.2	0.7	0.8	1.2	0.6	0.5	0.3	0.8	1.6	1.1	0.9	0.9
1973	1.0	1.2	1.0	0.6	0.4	0.5	0.1	0.2	0.4	1.4	1.2	1.0	0.7
1974	0.5	0.7	0.4	0.5	0.3	0.3	0.3	0.3	0.5	2.1	1.7	0.9	0.7
1975	0.9	0.5	0.7	0.6	0.2	0.1	0.6	0.1	0.5	0.6	1.1	1.0	0.6
MEAN	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.9	1.4	1.2	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 143

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.9	2.6	2.7	1.6	2.8	1.1	0.8	0.9	2.9	3.8	3.6	2.1	
1957	2.6	2.9	1.9	2.5	2.3	1.7	0.8	2.1	1.9	2.5	3.4	2.5	
1958	3.9	1.9	2.4	2.5	2.1	1.4	1.5	1.3	2.2	3.4	2.1	3.0	
1959	2.3	2.8	3.0	2.2	2.1	1.3	1.2	1.1	3.2	2.6	3.1	3.2	
1960	2.0	2.9	2.2	2.3	2.3	2.3	0.9	1.9	3.2	2.5	2.5	2.8	
1961	2.4	2.5	2.1	2.3	1.7	1.9	1.0	1.6	3.3	2.9	2.7	2.0	
1962	3.1	2.8	5.2	2.4	2.2	1.5	1.3	2.1	2.8	2.9	3.5	5.0	
1963	2.5	3.7	2.9	2.3	2.6	2.4	0.8	1.1	4.3	4.2	2.9	3.3	
1964	2.4	2.1	1.8	2.3	3.2	0.9	2.0	2.1	4.3	4.1	2.9	2.9	
1965	2.9	2.4	2.3	2.4	1.0	1.7	1.5	0.9	3.8	4.3	2.5	2.9	
1966	2.5	3.1	2.5	2.0	2.5	2.1	2.3	2.3	1.4	2.7	3.3	2.6	
1967	2.1	2.7	2.7	2.7	2.3	1.8	1.1	1.0	2.8	2.4	2.8	2.4	
1968	3.7	1.9	2.0	1.1	1.4	2.7	0.8	0.5	1.0	2.5	1.8	2.3	
1969	2.8	3.4	2.3	2.4	2.2	1.6	0.9	2.2	3.3	3.6	3.5	2.1	
1970	3.0	2.4	2.3	1.7	2.0	1.6	1.0	1.4	2.1	4.3	2.5	2.0	
1971	2.4	2.1	2.1	1.9	1.3	1.1	1.3	1.5	2.6	3.7	2.8	4.7	
1972	3.3	3.5	2.4	3.4	3.6	2.2	1.9	0.7	2.4	3.3	2.5	2.6	
1973	2.7	4.4	3.0	1.7	1.4	1.8	0.4	0.9	2.1	3.2	3.7	2.5	
1974	2.5	2.4	1.9	1.5	1.0	0.9	0.9	1.0	3.0	4.3	2.9	2.0	
1975	2.4	2.5	1.9	2.0	0.9	1.0	3.0	0.6	2.1	2.4	2.6	3.1	

LARGEST HS(METRES) FOR STATION 143 = 5.2

STATION 144 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 330.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2554	3872	2614	1543	684	494	10	.	.	.	11771
0.50 - 0.99	1	364	1846	781	282	201	.	.	.	.	3475
1.00 - 1.49	.	.	32	114	53	1	.	.	.	.	200
1.50 - 1.99	.	.	.	1	.	.	.	.	.	.	2
2.00 - 2.49	.	.	.	.	.	.	.	.	.	.	0
2.50 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.49	.	.	.	.	.	.	.	.	.	.	0
3.50 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2555	4236	4492	2439	1020	696	10	0	0	0	0

AVERAGE HS(M) = 0.32 LARGEST HS(M) = 1.58 ANGLE CLASS % = 15.5

STATION 144 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 330.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1312	1771	3006	388	2895	4924	1646	61	13	.	12622
0.50 - 0.99	.	1442	410	1326	150	489	249	.	155	.	25879
1.00 - 1.49	.	.	.	90	249	172	41	.	92	.	2290
1.50 - 1.99	236	203	3	.	47	.	579
2.00 - 2.49	23	107	10	5	6	.	141
2.50 - 2.99	1	.	.	11
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1312	3213	3416	1604	3553	5895	1949	67	313	0	0

AVERAGE HS(M) = 0.53 LARGEST HS(M) = 2.87 ANGLE CLASS % = 21.5

STATION 144 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 330.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	693	857	1791	70	1139	1310	1196	189	727	509	6620
0.50 - 0.99	.	829	441	1081	110	1409	1000	910	704	1879	5809
1.00 - 1.49	.	.	.	236	452	410	1078	641	711	1821	5009
1.50 - 1.99	155	347	311	119	440	2846	3506
2.00 - 2.49	735	327	146	63	2838	3506
2.50 - 2.99	57	244	58	6	233	478
3.00 - 3.49	3	1	8
3.50 - 3.99	1
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	693	1686	2232	1387	1970	4248	5062	2017	1985	3636	0

AVERAGE HS(M) = 0.97 LARGEST HS(M) = 4.00 ANGLE CLASS % = 24.9

STATION 144 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
SHORELINE ANGLE = 330.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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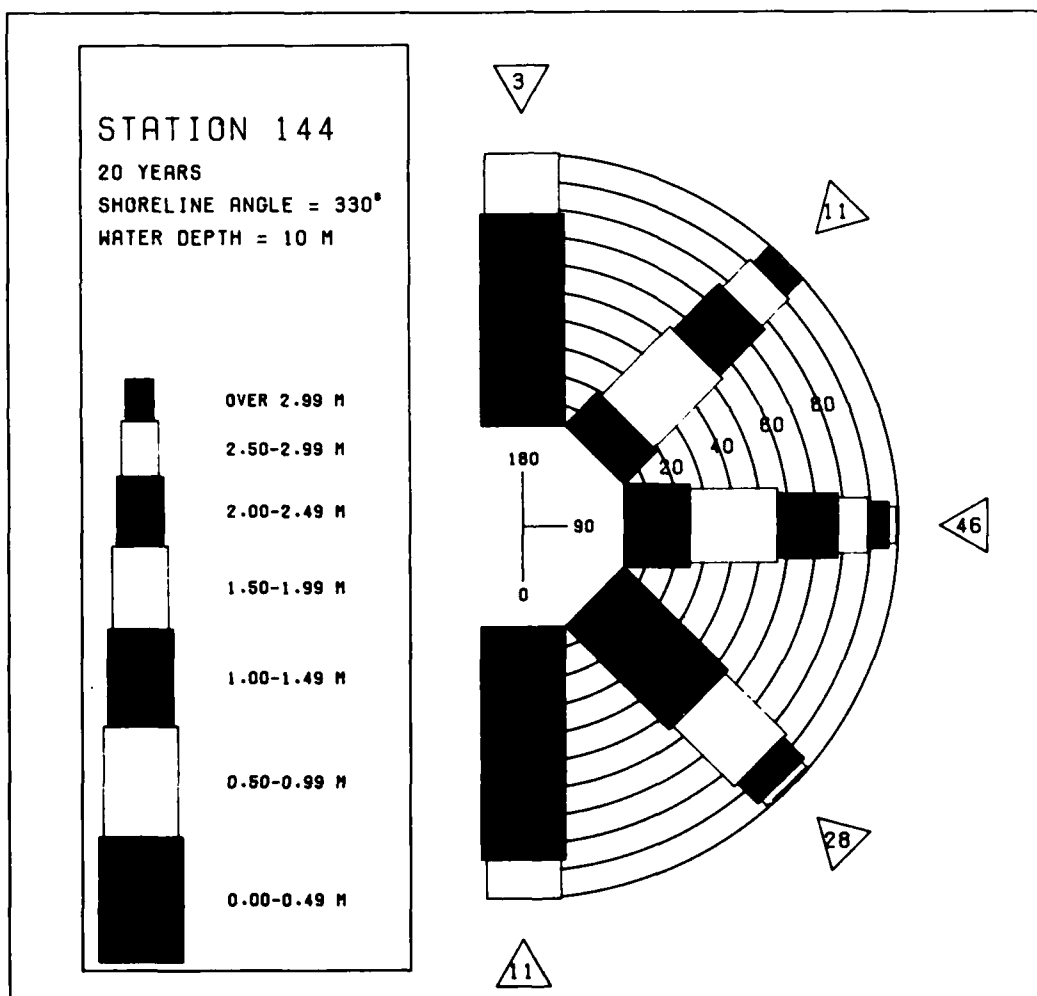
STATION 144 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
SHORELINE ANGLE = 330.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.	-	0.49				174	337	53	1			1151
0.00	-	0.99	268	318		174	337	53	1			1151
0.50	-	1.49		306		488	456	53	6			1928
1.00	-	1.99			980	438	455	42				1928
1.50	-	2.49			189	795	455	42				1928
2.00	-	2.99				70	275	766				1213
2.50	-	3.49					37	386	102			1213
3.00	-	3.99					1	11	135			58
3.50	-	4.49							44			56
4.00	-	4.99										0
4.50	-	5.49										0
5.00	-	5.99										0
5.50	-	6.49										0
6.00	-	6.99										0
6.50	-	7.49										0
7.00	-	7.99										0
7.50	-	8.49										0
8.00	-	8.99										0
8.50	-	9.49										0
9.00	-	9.99										0
9.50	-	10.49										0
10.00	-	10.99										0
10.50	-	11.49										0
11.00	-	11.99										0
11.50	-	12.49										0
12.00	-	12.99										0
12.50	-	13.49										0
13.00	-	13.99										0
13.50	-	14.49										0
14.00	-	14.99										0
14.50	-	15.49										0
15.00	-	15.99										0
15.50	-	16.49										0
16.00	-	16.99										0
16.50	-	17.49										0
17.00	-	17.99										0
17.50	-	18.49										0
18.00	-	18.99										0
18.50	-	19.49										0
19.00	-	19.99										0
19.50	-	20.49										0
20.00	-	20.99										0
20.50	-	21.49										0
21.00	-	21.99					</					

STATION 144 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
SHOELINE ANGLE = 330.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0	- 0.49											2814
0.50	- 0.99	367	634	634	836	345						2052
1.00	- 1.49		47	450	1218	337						258
1.50	- 1.99			6	215	37						0
2.00	- 2.49											0
2.50	- 2.99											0
3.00	- 3.49											0
3.50	- 3.99											0
4.00	- 4.49											0
4.50	- 4.99											0
5.00	- GREATER											0
TOTAL		367	681	1090	2269	719	0	0	0	0	0	0
AVERAGE HS(M) = 0.49		LARGEST HS(M) = 1.39		ANGLE CLASS % = 5.1								

STATION 144 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 330.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	568	797	324	238	640	959	344	32	81	53	4036
0.50-0.99	.	372	951	281	110	629	389	125	55	70	2982
1.00-1.49	.	.	160	469	100	273	280	97	77	125	1581
1.50-1.99	.	.	.	69	158	230	140	23	37	87	744
2.00-2.49	59	63	107	11	19	31	463
2.50-2.99	12	97	21	2	28	137
3.00-3.49	3	.	.	.	28
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	568	1169	1435	1057	1047	2366	1350	320	273	376	
AVE HS(M) = 0.79 LARGEST HS(M) = 4.00 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 144

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.8	0.7	0.7	0.6	1.0	0.5	0.3	0.3	0.8	1.2	1.9	1.4	0.9
1957	1.0	1.1	0.7	1.0	0.6	0.5	0.3	0.5	0.7	1.4	1.4	1.0	0.9
1958	1.2	0.6	0.7	0.8	0.7	0.4	0.5	0.3	0.7	1.4	0.8	1.2	0.8
1959	1.1	1.1	1.2	0.9	0.7	0.4	0.5	0.5	1.1	0.9	1.6	1.3	0.9
1960	0.8	0.9	1.0	0.8	0.5	0.6	0.2	0.6	1.2	1.0	1.2	1.2	0.8
1961	1.0	0.7	0.7	0.7	0.6	0.6	0.4	0.6	1.0	1.5	1.0	0.8	0.8
1962	1.1	1.0	1.3	0.9	0.6	0.5	0.3	0.5	0.8	1.0	1.1	1.1	0.8
1963	1.0	1.2	0.9	1.0	0.9	0.5	0.3	0.3	1.3	1.6	1.0	0.9	0.9
1964	0.8	0.7	0.8	0.8	0.7	0.3	0.5	0.5	1.3	1.7	1.2	1.1	0.9
1965	0.9	1.0	0.6	0.7	0.4	0.7	0.4	0.3	1.7	1.2	1.3	1.0	0.8
1966	1.1	1.1	0.9	0.7	0.7	0.9	0.6	0.5	0.5	1.1	1.4	0.9	0.9
1967	0.7	0.9	1.0	1.0	0.5	0.6	0.3	0.4	1.1	1.1	0.9	0.8	0.8
1968	1.0	0.6	0.6	0.4	0.4	0.5	0.2	0.1	0.3	0.7	0.4	0.6	0.5
1969	1.2	1.1	0.7	0.8	0.9	0.4	0.3	0.6	0.9	1.5	1.4	0.8	0.9
1970	1.0	0.9	0.7	0.7	0.7	0.5	0.3	0.3	0.6	1.6	0.8	0.5	0.7
1971	0.7	0.7	0.6	0.5	0.4	0.3	0.3	0.4	0.8	0.9	1.3	1.4	0.7
1972	0.9	1.1	0.7	0.8	1.1	0.7	0.5	0.3	0.8	1.5	1.1	0.9	0.9
1973	1.0	1.1	0.9	0.7	0.4	0.5	0.1	0.3	0.4	1.3	1.4	1.2	0.8
1974	0.5	0.7	0.4	0.5	0.3	0.3	0.3	0.4	0.5	2.0	1.5	0.9	0.7
1975	0.8	0.5	0.6	0.5	0.2	0.1	0.4	0.1	0.5	0.6	1.0	1.0	0.5
MEAN	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.9	1.3	1.2	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 144

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.7	2.5	2.4	1.6	2.5	1.1	0.9	0.9	2.8	3.4	3.2	2.2
1957	2.6	2.9	1.9	2.4	1.9	1.4	0.8	1.8	1.8	2.6	3.4	2.4
1958	3.7	2.0	1.9	2.3	2.1	1.3	1.4	1.2	1.9	2.9	2.2	3.0
1959	2.4	2.4	3.0	2.1	2.0	1.3	1.3	1.1	2.9	2.5	3.1	3.3
1960	1.9	2.5	2.3	2.3	2.2	2.5	0.8	1.8	3.1	2.4	2.5	2.9
1961	2.5	2.4	1.9	2.3	1.7	1.6	0.9	1.5	2.9	2.6	2.7	1.7
1962	2.8	2.6	3.1	2.3	2.2	1.4	1.1	2.0	2.5	2.7	2.6	4.0
1963	2.5	3.5	2.9	2.4	2.4	2.3	1.0	1.0	3.6	3.4	2.6	3.2
1964	2.5	2.2	1.8	1.9	3.1	0.9	2.0	2.4	3.1	3.3	2.7	2.7
1965	2.7	2.1	2.4	2.3	1.0	1.7	1.3	1.0	3.4	3.1	2.5	2.4
1966	2.4	3.3	2.4	2.0	2.3	2.2	2.3	2.3	1.3	2.8	2.9	2.5
1967	2.0	2.7	2.7	2.7	2.0	1.6	1.3	1.0	2.4	2.3	2.8	2.4
1968	2.8	1.9	2.1	1.0	1.4	2.5	0.6	0.7	1.1	2.5	1.7	2.3
1969	2.7	2.4	2.1	2.3	2.3	1.3	0.9	2.0	2.8	3.3	3.2	2.1
1970	2.9	2.5	1.9	1.9	2.1	2.0	1.0	1.3	2.1	3.3	2.6	2.0
1971	2.5	2.1	2.3	1.7	1.1	1.1	1.2	1.5	2.6	3.1	2.8	3.6
1972	3.1	3.0	2.3	2.8	2.2	2.1	1.7	0.8	2.3	3.3	2.5	2.7
1973	2.8	2.8	2.4	1.7	1.4	1.7	0.5	1.0	2.1	3.0	3.5	2.3
1974	2.5	2.5	2.0	1.7	0.9	0.7	0.8	0.9	2.4	3.9	2.9	1.7
1975	2.4	2.2	1.9	2.1	0.6	0.8	1.6	0.6	1.7	2.5	2.6	2.9

LARGEST HS(METRES) FOR STATION 144 = 4.0

STATION 145 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOPELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	2631	3976	2660	1591	720	549	1	.	.	.	12128
0.50 - 0.99	1	376	1854	768	236	184	.	.	.	.	3419
1.00 - 1.49	.	.	41	126	56	.	.	.	.	.	223
1.50 - 1.99	.	.	.	1	.	.	.	.	.	.	1
2.00 - 2.49	.	.	.	.	.	.	.	.	.	.	0
2.50 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.49	.	.	.	.	.	.	.	.	.	.	0
3.50 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2632	4352	4555	2486	1012	733	1	0	0	0	0

AVERAGE HS(M) = 0.31 LARGEST HS(M) = 1.62 ANGLE CLASS % = 15.8

STATION 145 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOPELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1255	1788	3150	414	3033	5054	1670	61	10	.	12871
0.50 - 0.99	.	1437	420	1348	109	444	219	.	157	.	15930
1.00 - 1.49	.	.	.	111	272	148	25	.	85	.	2298
1.50 - 1.99	275	203	5	.	49	.	643
2.00 - 2.49	23	116	.	5	6	.	150
2.50 - 2.99	1	6	1	.	.	8
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1255	3225	3570	1873	3712	5966	1925	67	307	0	0

AVERAGE HS(M) = 0.53 LARGEST HS(M) = 2.87 ANGLE CLASS % = 21.9

STATION 145 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOPELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	689	758	1663	73	1285	1478	1249	193	734	518	6904
0.50 - 0.99	.	797	450	1057	135	1766	1067	922	319	1687	8426
1.00 - 1.49	.	.	.	253	109	617	1271	648	100	1680	3269
1.50 - 1.99	154	407	426	140	248	268	1732
2.00 - 2.49	828	289	83	100	268	1732
2.50 - 2.99	44	308	86	80	16	604
3.00 - 3.49	8	83	22	1	131
3.50 - 3.99	5	.	10
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	689	1555	2113	1383	2133	5136	5618	2157	2064	3665	0

AVERAGE HS(M) = 0.99 LARGEST HS(M) = 4.00 ANGLE CLASS % = 26.5

STATION 145 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	432	499	1351	51	1076	2416	527	68	77	20	5115
0.50-0.99	.	670	265	113	125	1432	1478	325	121	33	3577
1.00-1.49	.	.	.	272	100	1558	1404	304	64	37	5065
1.50-1.99	.	.	.	1	585	854	867	85	65	30	2365
2.00-2.49	198	1433	674	34	20	5	2365
2.50-2.99	87	643	30	8	.	688
3.00-3.49	27	128	.	.	163
3.50-3.99	6	.	.	6
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	432	1169	1816	1437	2086	9920	5620	980	393	105	

AVERAGE HS(M) = 1.10 LARGEST HS(M) = 3.65 ANGLE CLASS % = 24.0

STATION 145 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	241	308	3	338	198	309	47	1	.	.	1107
0.50-0.99	.	292	900	338	80	412	37	3	.	.	2062
1.00-1.49	.	.	196	857	443	436	46	.	.	.	1683
1.50-1.99	.	.	.	65	273	633	68	3	.	.	1063
2.00-2.49	1	381	149	.	.	.	537
2.50-2.99	11	.	.	.	.	61
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	241	600	1099	1260	1037	2182	386	7	0	0	

AVERAGE HS(M) = 1.10 LARGEST HS(M) = 2.97 ANGLE CLASS % = 6.8

STATION 145 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

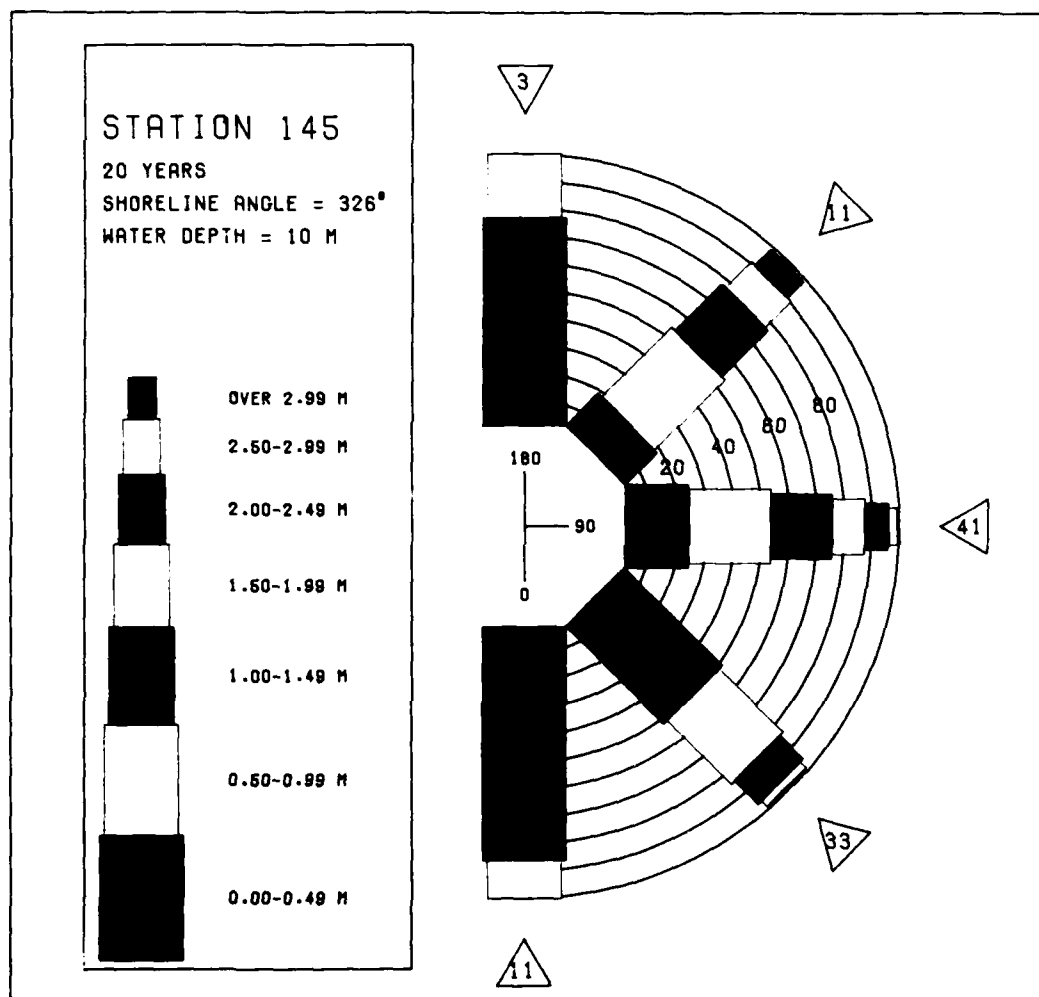
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	362	610	634	754	261	.	.	.	.	.	2621
0.50-0.99	.	46	473	1213	347	.	.	.	.	.	2079
1.00-1.49	.	.	6	215	32	.	.	.	.	.	253
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	362	656	1113	2182	640	0	0	0	0	0	

AVERAGE HS(M) = 0.51 LARGEST HS(M) = 1.39 ANGLE CLASS % = 5.0

STATION 145 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 326.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	561	794	329	234	657	980	349	32	82	53	4071
0.50-0.99	.	362	639	285	103	623	320	100	59	71	2947
1.00-1.49	.	.	158	471	101	276	274	200	47	130	1578
1.50-1.99	.	.	.	70	158	223	138	120	103	27	730
2.00-2.49	41	276	108	11	3	8	476
2.50-2.99	14	3	21	.	1	141
3.00-3.49	28
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	561	1156	1426	1060	1060	2392	1352	318	273	373	58440

AVE HS(M) = 0.79 LARGEST HS(M) = 4.00 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 145

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.8	0.7	0.7	0.6	1.0	0.5	0.3	0.3	0.8	1.8	1.8	1.3	0.9
1957	1.0	1.1	0.7	1.0	0.6	0.5	0.2	0.5	0.7	1.4	1.4	1.0	0.9
1958	1.2	0.7	0.7	0.8	0.7	0.4	0.5	0.3	0.7	1.4	0.8	1.2	0.8
1959	1.1	1.1	1.2	0.9	0.6	0.4	0.5	0.4	1.1	0.9	1.6	1.4	0.9
1960	0.8	0.9	1.0	0.8	0.5	0.6	0.2	0.6	1.2	1.0	1.2	1.2	0.8
1961	1.0	0.7	0.6	0.7	0.6	0.6	0.4	0.6	1.0	1.5	1.0	0.8	0.8
1962	1.1	1.0	1.3	0.9	0.6	0.5	0.3	0.5	0.8	1.0	1.2	1.1	0.8
1963	1.0	1.2	0.9	1.0	0.9	0.5	0.3	0.3	1.3	1.6	1.0	0.9	0.9
1964	0.8	0.7	0.8	0.8	0.7	0.3	0.5	0.5	1.3	1.7	1.2	1.1	0.9
1965	0.9	1.0	0.6	0.7	0.4	0.7	0.3	0.3	1.7	1.2	1.2	1.0	0.8
1966	1.2	1.1	0.9	0.7	0.7	0.9	0.6	0.5	0.5	1.1	1.4	0.9	0.9
1967	0.8	0.9	1.0	1.0	0.5	0.6	0.3	0.4	1.1	1.1	0.9	0.8	0.8
1968	1.0	0.6	0.6	0.4	0.4	0.5	0.2	0.1	0.3	0.7	0.4	0.6	0.5
1969	1.2	1.1	0.7	0.8	0.9	0.4	0.3	0.6	0.9	1.5	1.4	0.7	0.9
1970	1.1	0.9	0.7	0.7	0.7	0.5	0.2	0.3	0.6	1.6	0.8	0.5	0.7
1971	0.7	0.7	0.7	0.5	0.4	0.3	0.3	0.4	0.8	0.9	1.3	1.4	0.7
1972	0.9	1.1	0.7	0.8	1.1	0.7	0.5	0.3	0.8	1.5	1.1	0.9	0.9
1973	1.0	1.1	0.9	0.7	0.4	0.4	0.1	0.2	0.4	1.4	1.4	1.2	0.8
1974	0.5	0.7	0.4	0.5	0.3	0.3	0.3	0.4	0.5	1.9	1.5	0.9	0.7
1975	0.8	0.5	0.6	0.5	0.2	0.1	0.4	0.1	0.5	0.6	1.0	1.0	0.5
MEAN	0.9	0.9	0.8	0.7	0.6	0.5	0.3	0.4	0.9	1.3	1.2	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 145

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.7	2.5	2.5	1.8	2.5	1.1	0.9	0.9	2.9	3.4	3.2	2.2	
1957	2.6	2.9	2.0	2.4	2.0	1.4	0.8	1.8	1.8	2.6	3.4	2.4	
1958	3.7	2.0	1.9	2.5	2.1	1.3	1.4	1.2	1.9	2.9	2.2	2.9	
1959	2.4	2.4	3.0	2.1	2.0	1.3	1.3	1.1	2.9	2.5	3.1	3.3	
1960	2.0	2.4	2.3	2.4	2.2	2.5	0.8	2.0	3.0	2.4	2.5	2.9	
1961	2.5	2.4	1.8	2.3	1.8	1.7	0.9	1.5	2.9	2.6	2.7	1.9	
1962	2.8	2.7	3.1	2.4	2.2	1.4	1.1	2.1	2.5	2.8	3.0	4.0	
1963	2.5	3.5	2.9	2.4	2.4	2.4	1.0	1.0	3.6	3.4	2.6	3.1	
1964	2.5	2.2	1.9	1.9	3.1	0.9	2.0	2.4	3.2	3.3	2.7	2.7	
1965	2.7	2.1	2.4	2.3	1.0	1.7	1.3	1.0	3.4	3.1	2.5	2.6	
1966	2.4	3.2	2.4	2.0	2.3	2.2	2.3	2.4	1.3	2.8	2.9	2.5	
1967	2.0	2.7	2.7	2.7	2.0	1.6	1.2	1.0	2.4	2.3	2.9	2.4	
1968	2.8	1.9	2.1	1.0	1.4	2.5	0.6	0.7	1.1	2.5	1.9	2.5	
1969	2.7	2.5	2.2	2.3	2.2	1.3	0.9	2.1	2.8	3.3	3.2	2.1	
1970	2.9	2.5	2.0	1.9	2.1	2.0	1.0	1.3	2.1	3.4	2.6	2.0	
1971	2.6	2.1	2.3	1.7	1.2	1.1	1.2	1.4	2.6	3.1	2.8	3.6	
1972	3.1	3.0	2.3	2.8	2.3	2.1	1.7	0.8	2.3	3.3	2.5	2.7	
1973	2.9	2.8	2.4	1.7	1.4	1.7	0.5	0.9	2.1	3.0	3.5	2.3	
1974	2.5	2.6	2.0	1.7	0.8	0.7	0.8	0.9	2.5	3.9	2.9	1.7	
1975	2.4	2.2	2.0	2.1	0.6	0.8	1.6	0.6	1.7	2.5	2.6	2.9	

LARGEST HS(METRES) FOR STATION 145 = 4.0

STATION 146 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOPELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	2417	3690	2465	1449	586	398	.	.	.	.	11005
0.50 - 0.99	1	335	1839	793	319	222	.	.	.	.	3509
1.00 - 1.49	.	.	25	109	41	.	.	.	.	.	175
1.50 - 1.99	.	.	.	1	3	.	.	.	.	.	6
2.00 - 2.49	.	.	.	.	.	.	.	.	.	.	0
2.50 - 2.99	.	.	.	.	.	.	.	.	.	.	0
3.00 - 3.49	.	.	.	.	.	.	.	.	.	.	0
3.50 - 3.99	.	.	.	.	.	.	.	.	.	.	0
4.00 - 4.49	.	.	.	.	.	.	.	.	.	.	0
4.50 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.00 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2418	4025	4329	2352	949	620	0	0	0	0	0	
AVERAGE HS(M) = 0.33 LARGEST HS(M) = 1.72 ANGLE CLASS % = 14.7												

AVERAGE HS(M) = 0.33 LARGEST HS(M) = 1.72 ANGLE CLASS % = 14.7

STATION 146 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOPELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1232	1676	2893	354	2500	4883	1649	65	.	.	12005	
0.50 - 0.99	.	1442	374	1244	154	843	301	1	.	.	5988	
1.00 - 1.49	.	.	.	80	272	249	53	.	.	.	2192	
1.50 - 1.99	220	201	1	.	.	.	502	
2.00 - 2.49	22	99	.	1	.	.	122	
2.50 - 2.99	3	5	.	.	8	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	1232	3118	3267	1678	3168	6275	2007	72	0	0	0	
AVERAGE HS(M) = 0.54 LARGEST HS(M) = 2.87 ANGLE CLASS % = 20.8												

AVERAGE HS(M) = 0.54 LARGEST HS(M) = 2.67 ANGLE CLASS % = 20.8

STATION 146 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOPELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	742	924	1892	63	876	343	819	184	679	479	5046	
0.50 - 0.99	.	942	439	1124	94	728	1294	811	660	360	5939	
1.00 - 1.49	.	.	.	224	109	249	1294	527	118	118	3611	
1.50 - 1.99	181	244	232	61	234	118	3611	
2.00 - 2.49	107	537	155	10	56	177	287	
2.50 - 2.99	27	1	32	17	15	60	
3.00 - 3.49	41	3	3	4	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	742	1866	2331	1411	1567	2118	3346	1666	1879	3261	0	
AVERAGE HS(M) = 0.96 LARGEST HS(M) = 3.95 ANGLE CLASS % = 20.2												

AVERAGE HS(M) = 0.96 LARGEST HS(M) = 3.95 ANGLE CLASS % = 20.2

STATION 146 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
SHORELINE ANGLE = 337.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

AVERAGE HS(M) = 1.06 LARGEST HS(M) = 3.97 ANGLE CLASS % = 31.3

STATION 146 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
SHORELINE ANGLE = 337.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

[illegible]

AVERAGE HS(M) = 1.10 LARGEST HS(M) = 2.95 ANGLE CLASS % = 7.5

STATION 146 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
SHORELINE ANGLE = 337.0 DEGREES AZIMUTH

WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

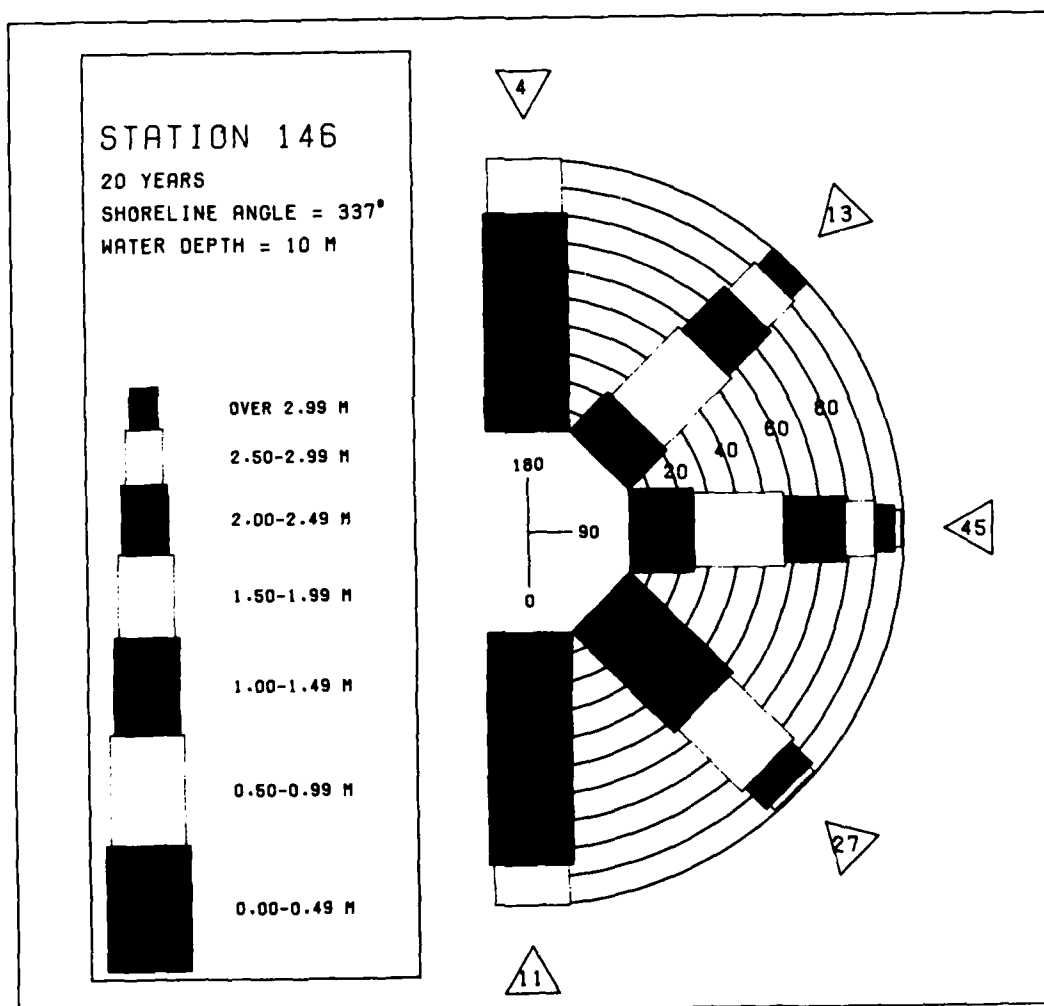
HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	-	381	597	633	1091	588	1					3291
0.50-0.99	-		35	470	1167	390	3					2065
1.00-1.49	-			3	71	13						87
1.50-1.99	-											0
2.00-2.49	-											0
2.50-2.99	-											0
3.00-3.49	-											0
3.50-3.99	-											0
4.00-4.49	-											0
4.50-4.99	-											0
5.00-5.49	-											0
5.50-5.99	-											0
6.00-6.49	-											0
6.50-6.99	-											0
7.00-7.49	-											0
7.50-7.99	-											0
8.00-8.49	-											0
8.50-8.99	-											0
9.00-9.49	-											0
9.50-9.99	-											0
10.00-10.49	-											0
10.50-10.99	-											0
11.00-11.49	-											0
11.50-11.99	-											0
12.00-12.49	-											0
12.50-12.99	-											0
13.00-13.49	-											0
13.50-13.99	-											0
14.00-14.49	-											0
14.50-14.99	-											0
15.00-15.49	-											0
15.50-15.99	-											0
16.00-16.49	-											0
16.50-16.99	-											0
17.00-17.49	-											0
17.50-17.99	-											0
18.00-18.49	-											0
18.50-18.99	-											0
19.00-19.49	-											0
19.50-19.99	-											0
20.00-20.49	-											0
20.50-20.99	-											0
21.00-21.49	-											0
21.50-21.99	-											0
22.00-22.49	-											

AVERAGE HS(M) = 0.44 LARGEST HS(M) = 1.35 ANGLE CLASS % = 5.5

STATION 146 20 YEARS FOR ALL DIRECTIONS
 SHOPELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.0-0.49	562	788	309	254	639	936	341	33	78	52	3992
0.50-0.99	.	396	979	271	124	649	335	125	56	120	3065
1.00-1.49	.	.	162	462	65	278	179	97	78	125	1577
1.50-1.99	.	.	.	72	153	233	140	22	37	87	744
2.00-2.49	37	240	103	11	12	30	433
2.50-2.99	10	3	11	3	9	131
3.00-3.49	21	.	2	29
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	562	1184	1450	1059	1049	2346	1353	320	273	375	

AVE HS(M) = 0.79 LARGEST HS(M) = 3.97 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 146

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.7	0.7	0.7	0.6	1.0	0.5	0.3	0.3	0.8	1.8	1.8	1.4	0.9
1957	1.0	1.1	0.6	1.1	0.6	0.5	0.3	0.5	0.8	1.4	1.4	1.0	0.9
1958	1.2	0.6	0.7	0.8	0.7	0.4	0.5	0.3	0.7	1.3	0.8	1.2	0.8
1959	1.0	1.1	1.2	0.9	0.7	0.4	0.5	0.5	1.1	0.9	1.6	1.3	0.9
1960	0.8	0.9	0.9	0.8	0.5	0.7	0.3	0.6	1.2	1.1	1.2	1.2	0.8
1961	1.0	0.7	0.7	0.6	0.7	0.6	0.4	0.6	1.0	1.5	1.0	0.7	0.8
1962	1.1	1.0	1.3	0.9	0.6	0.5	0.3	0.5	0.8	1.0	1.1	1.0	0.8
1963	1.0	1.2	0.9	1.0	0.9	0.6	0.3	0.3	1.2	1.6	0.9	0.8	0.9
1964	0.7	0.7	0.8	0.8	0.7	0.3	0.5	0.5	1.3	1.7	1.2	1.1	0.9
1965	0.9	1.0	0.6	0.7	0.4	0.7	0.4	0.3	1.7	1.2	1.2	1.0	0.8
1966	1.1	1.1	0.9	0.7	0.7	0.9	0.7	0.6	0.5	1.0	1.3	0.8	0.9
1967	0.7	0.9	1.0	1.0	0.6	0.6	0.4	0.4	1.1	1.1	0.9	0.8	0.8
1968	1.0	0.5	0.6	0.4	0.4	0.5	0.2	0.1	0.3	0.7	0.4	0.5	0.5
1969	1.2	1.0	0.7	0.8	1.0	0.4	0.3	0.6	0.9	1.5	1.4	0.7	0.9
1970	1.0	0.9	0.7	0.7	0.7	0.5	0.3	0.4	0.6	1.6	0.7	0.5	0.7
1971	0.7	0.7	0.6	0.5	0.5	0.3	0.4	0.4	0.8	0.9	1.3	1.4	0.7
1972	0.9	1.0	0.7	0.8	1.1	0.7	0.5	0.4	0.8	1.5	1.1	0.9	0.9
1973	0.9	1.0	0.9	0.7	0.4	0.5	0.1	0.3	0.4	1.3	1.4	1.2	0.8
1974	0.5	0.6	0.4	0.5	0.3	0.3	0.4	0.4	0.5	2.0	1.5	0.9	0.7
1975	0.8	0.5	0.6	0.5	0.2	0.1	0.4	0.1	0.5	0.6	1.0	0.9	0.5
MEAN	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.4	0.9	1.3	1.2	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 146

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.6	2.5	2.3	1.6	2.5	1.1	0.9	0.8	2.8	3.4	3.2	2.2	
1957	2.6	2.9	1.8	2.5	1.9	1.5	0.8	1.8	1.8	2.6	3.4	2.4	
1958	3.7	1.9	2.0	2.2	2.1	1.4	1.4	1.2	1.9	2.9	2.2	3.0	
1959	2.4	2.4	3.1	2.1	2.0	1.2	1.3	1.1	2.8	2.5	3.1	3.3	
1960	1.8	2.5	2.1	2.3	2.1	2.5	0.8	1.7	3.1	2.3	2.5	2.8	
1961	2.5	2.4	1.9	2.3	1.7	1.5	0.9	1.5	2.9	2.6	2.7	1.8	
1962	2.7	2.6	3.0	2.4	2.2	1.4	1.1	2.0	2.5	2.7	2.6	4.0	
1963	2.5	3.5	2.9	2.4	2.4	2.3	1.0	1.0	3.6	3.4	2.6	3.2	
1964	2.4	2.1	1.8	1.9	3.0	1.0	2.0	2.4	3.1	3.2	2.7	2.7	
1965	2.7	2.2	2.3	2.3	1.0	1.6	1.2	1.0	3.4	3.0	2.5	2.4	
1966	2.4	3.3	2.4	2.0	2.2	2.2	2.3	2.2	1.3	2.8	2.9	2.5	
1967	2.0	2.5	2.7	2.7	1.9	1.6	1.3	1.0	2.4	2.3	2.8	2.2	
1968	2.8	1.9	2.1	1.0	1.4	2.4	0.6	0.7	1.1	2.5	1.7	2.2	
1969	2.6	2.4	1.9	2.3	2.3	1.3	0.9	2.0	2.8	3.3	3.3	2.2	
1970	2.9	2.5	1.9	1.9	2.3	2.0	1.0	1.3	2.1	3.3	2.4	1.9	
1971	2.4	2.1	2.2	1.7	1.2	1.1	1.2	1.5	2.6	3.1	2.8	3.6	
1972	3.1	3.0	2.2	2.8	2.2	2.1	1.7	0.8	2.3	3.3	2.5	2.6	
1973	2.8	2.8	2.4	1.7	1.6	1.9	0.5	1.0	2.1	3.0	3.5	2.2	
1974	2.4	2.3	2.0	1.7	1.0	0.8	0.7	0.8	2.4	4.0	2.9	1.8	
1975	2.4	2.2	1.9	1.9	0.7	0.8	1.6	0.6	1.7	2.5	2.6	2.9	

LARGEST HS(METRES) FOR STATION 146 = 4.0

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0. LARGEST HS(M) = 0. ANGLE CLASS % = 0.

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.43 LARGEST HS(M) = 2.00 ANGLE CLASS % = 9.8

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.59 LARGEST HS(M) = 2.84 ANGLE CLASS % = 16.0

STATION 147 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 24.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	980	1398	3270	121	1031	282	1418	77	1302	2298	8786
0.50-0.99	.	1875	552	1855	120	227	1810	737	1096	3032	12488
1.00-1.49	.	.	.	210	153	248	720	655	884	2994	3922
1.50-1.99	109	22	180	179	244	1930	3528
2.00-2.49	112	84	17	465	1286
2.50-2.99	29	3	10	40
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	980	3273	3822	2016	1883	1937	4445	1797	3595	10804	

AVERAGE HS(M) = 0.93 LARGEST HS(M) = 3.47 ANGLE CLASS % = 34.6

STATION 147 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 24.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	662	1074	10	1024	4736	2744	470	374	.	.	11094
0.50-0.99	5	1120	3004	747	193	2914	2419	499	22	.	10923
1.00-1.49	.	.	319	1546	682	1245	1125	128	22	.	5067
1.50-1.99	.	.	.	112	494	939	468	133	6	.	2152
2.00-2.49	.	.	.	1	68	366	371	32	15	.	853
2.50-2.99	.	.	.	.	.	5	73	47	3	.	128
3.00-3.49	.	.	.	.	.	.	.	6	.	.	66
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	667	2194	3333	2406	2461	10205	7200	1315	442	0	

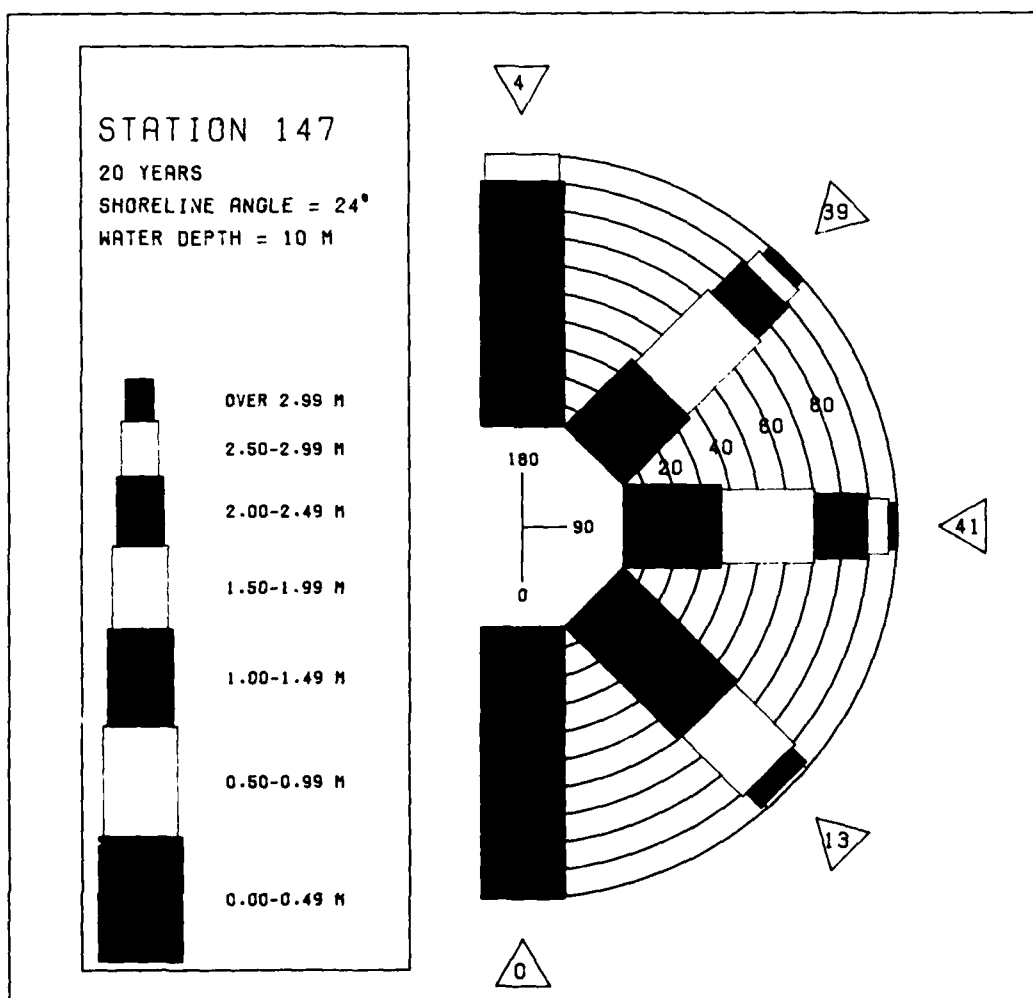
AVERAGE HS(M) = 0.77 LARGEST HS(M) = 3.24 ANGLE CLASS % = 30.2

STATION 147 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 24.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	434	924	879	1273	751	321	.	.	.	.	4582
0.50-0.99	.	109	924	506	224	248	.	.	.	.	2011
1.00-1.49	.	.	13	44	27	.	.	.	.	.	84
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	434	1033	1816	1823	1002	569	0	0	0	0	

AVERAGE HS(M) = 0.36 LARGEST HS(M) = 1.42 ANGLE CLASS % = 6.7

HEIGHT (METRES)		PERIOD (SECONDS)										TOTAL	
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0	-	0.49										39	37
0.50	-	0.99	401	725	270	196	433	583	475	56	169	229	3937
1.00	-	1.49		430		240	81	455	481	127	113	303	3338
1.50	-	1.99			1068	440	125	178	191	28	60	199	1514
2.00	-	2.49			113	40	130	142	67	31	25	193	628
2.50	-	2.99					22	107	57	9	6	46	247
3.00	-	3.49						2	19	10	2	7	40
3.50	-	3.99								3		1	4
4.00	-	4.49											0
4.50	-	4.99											0
5.00	-	GREATER											0
TOTAL		401	1155	1451	916	791	1907	1290	314	405	1078		
AVE HS(M) = 0.71		LARGEST HS(M) = 3.47		TOTAL CASES =		58440							



MEAN HS(METRES) BY MONTH AND YEAR

STATION 147

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.5	0.6	0.5	0.5	0.9	0.5	0.4	0.3	0.8	1.6	1.5	1.2	0.8
1957	0.8	0.9	0.5	1.1	0.7	0.6	0.3	0.5	0.7	1.0	1.2	1.1	0.8
1958	1.0	0.5	0.8	0.7	0.7	0.4	0.6	0.2	0.6	1.2	0.8	0.9	0.7
1959	0.8	0.8	1.1	1.0	0.7	0.4	0.5	0.5	0.8	0.8	1.1	1.0	0.8
1960	0.5	0.7	0.6	0.7	0.4	0.6	0.3	0.6	1.2	0.8	0.9	0.8	0.7
1961	0.9	0.7	0.6	0.5	0.6	0.5	0.4	0.6	0.7	1.1	0.7	0.6	0.7
1962	0.8	0.7	0.9	0.8	0.4	0.5	0.3	0.4	0.9	0.7	0.6	0.7	0.6
1963	0.7	0.8	0.7	1.1	0.9	0.6	0.5	0.5	1.0	1.1	0.7	0.7	0.8
1964	0.5	0.5	0.6	0.7	0.5	0.3	0.5	0.5	1.0	1.5	1.2	1.0	0.7
1965	0.7	0.9	0.5	0.5	0.4	0.7	0.4	0.3	1.9	1.8	1.8	1.4	0.9
1966	1.4	1.3	1.2	1.1	1.1	1.2	1.1	0.9	0.4	0.9	1.0	0.6	1.0
1967	0.6	0.5	0.9	0.9	0.5	0.5	0.4	0.4	0.8	0.9	0.9	0.8	0.7
1968	0.8	0.3	0.5	0.3	0.4	0.5	0.2	0.1	0.3	0.7	0.3	0.3	0.4
1969	0.9	0.6	0.5	0.8	0.8	0.4	0.3	0.5	0.7	1.3	1.3	0.7	0.7
1970	0.7	0.7	0.7	0.6	0.7	0.5	0.3	0.4	0.6	1.4	0.5	0.4	0.6
1971	0.5	0.7	0.4	0.4	0.5	0.3	0.4	0.4	0.6	0.7	1.0	1.3	0.6
1972	0.9	0.7	0.6	0.7	0.9	0.7	0.6	0.4	0.6	1.3	1.1	1.0	0.8
1973	0.7	0.7	0.8	0.9	0.6	0.6	0.3	0.4	0.5	1.1	1.4	1.3	0.8
1974	0.4	0.5	0.3	0.5	0.4	0.4	0.4	0.4	0.5	1.9	1.6	1.0	0.7
1975	0.6	0.5	0.5	0.4	0.2	0.1	0.4	0.2	0.6	0.6	0.8	0.8	0.5
MEAN	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.4	0.8	1.1	1.0	0.9	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 147

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.9	2.3	1.4	1.3	2.3	1.2	1.1	0.7	2.2	3.1	2.8	1.7
1957	2.4	2.2	1.4	2.4	1.6	1.5	1.1	1.4	1.4	2.2	2.9	2.2
1958	2.7	1.2	2.3	1.6	1.8	1.4	1.3	1.2	1.4	2.5	2.0	2.7
1959	2.4	2.3	2.9	1.9	2.1	1.2	1.6	1.1	2.5	2.4	2.5	2.6
1960	1.5	2.4	2.0	1.6	1.5	1.7	1.2	1.5	3.2	1.7	2.1	1.9
1961	2.4	2.3	1.8	1.9	1.5	1.3	1.1	1.4	2.1	2.4	2.2	1.8
1962	2.0	1.5	2.0	2.3	1.5	1.3	0.9	1.6	2.4	1.7	3.3	2.8
1963	1.9	2.4	2.5	2.1	2.1	1.7	1.1	1.0	3.0	3.0	2.5	3.0
1964	1.7	2.4	1.4	1.5	2.0	1.0	2.1	2.2	2.1	2.6	2.4	2.4
1965	2.1	2.3	2.1	1.3	1.3	1.4	1.0	0.9	3.3	2.9	2.6	2.3
1966	2.2	2.7	2.0	2.0	2.1	2.4	2.2	1.7	1.3	2.5	2.1	1.9
1967	2.0	1.6	2.5	2.5	1.4	1.2	1.4	0.9	1.8	2.1	2.2	1.8
1968	2.6	1.5	1.8	0.9	1.5	2.2	0.5	0.8	0.9	2.4	1.0	1.6
1969	2.1	2.1	1.9	2.3	2.0	1.3	1.1	1.4	2.1	3.1	3.1	2.0
1970	2.5	2.1	1.9	1.3	2.4	2.0	1.2	1.3	1.7	2.7	1.6	1.8
1971	1.6	1.9	1.3	1.4	1.5	1.0	0.9	1.4	1.8	2.1	2.3	3.5
1972	2.3	2.5	2.0	2.2	2.1	2.2	1.6	1.0	1.8	2.9	2.2	2.2
1973	2.3	2.2	2.4	2.0	2.1	2.1	0.6	1.2	1.9	2.5	3.1	2.2
1974	1.7	2.4	1.9	1.8	1.2	1.0	0.8	0.8	1.4	3.4	2.6	1.7
1975	2.2	1.7	1.9	1.8	0.8	0.7	1.1	0.7	1.6	2.2	2.5	2.3

LARGEST HS(METRES) FOR STATION 147 = 3.5

STATION 148 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 354.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	441	1148	1108	441	106	.	.	.	.	.	3244
0.50 - 0.99	.	.	71	3	.	.	.	.	.	.	74
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	441	1148	1179	444	106	0	0	0	0	0	0

AVERAGE HS(M) = 0.20 LARGEST HS(M) = 0.69 ANGLE CLASS % = 3.3

STATION 148 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 354.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	1134	2120	369	87	1663	4970	177	.	.	.	10520
0.50 - 0.99	.	975	2765	859	287	1122	268	.	.	.	6276
1.00 - 1.49	.	.	219	768	248	239	1	.	.	.	1500
1.50 - 1.99	.	.	.	49	140	121	6	1	.	.	316
2.00 - 2.49	20	34	1	.	.	.	55
2.50 - 2.99	1	.	.	.	1
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1134	3095	3353	1763	2358	6486	478	1	0	0	0

AVERAGE HS(M) = 0.53 LARGEST HS(M) = 2.52 ANGLE CLASS % = 18.7

STATION 148 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 354.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0. - 0.49	648	920	2258	75	1074	231	1579	78	877	165	5572
0.50 - 0.99	.	1255	443	1182	22	441	1372	525	951	2335	6231
1.00 - 1.49	.	.	.	191	75	172	607	504	776	1420	3546
1.50 - 1.99	374	133	109	150	168	1970	2502
2.00 - 2.49	70	241	44	15	11	637	1032
2.50 - 2.99	11	35	1	3	77	149
3.00 - 3.49	5	.	11	19
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	648	2175	2701	1448	1615	1229	3746	1328	2817	7952	0

AVERAGE HS(M) = 0.96 LARGEST HS(M) = 3.30 ANGLE CLASS % = 25.7

STATION 148 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 354.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	706	1072	2960	231	917	1885	2515	426	835	1952	10308
0.5 - 0.99	5	1372	597	1719	292	3004	2917	710	256	799	12353
1.0 - 1.49	.	.	.	282	780	1057	1796	439	198	700	6359
1.5 - 1.99	.	.	.	.	251	982	769	164	95	150	3823
2.0 - 2.49	.	.	.	.	.	1269	554	142	41	200	2827
2.5 - 2.99	.	.	.	.	.	66	504	58	8	200	1500
3.0 - 3.49	.	.	.	.	.	.	13	109	.	9	150
3.5 - 3.99	.	.	.	.	.	.	.	5	.	.	5
4.0 - 4.49	.	.	.	.	.	.	.	.	.	.	0
4.5 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.0 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	711	2444	3557	2232	2339	8263	9064	2053	1492	3245	

AVERAGE HS(M) = 0.94 LARGEST HS(M) = 3.83 ANGLE CLASS % = 35.4

STATION 148 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 354.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	395	635	728	1208	1035	2571	162	.	.	.	6934
0.5 - 0.99	.	162	1151	677	376	1654	333	1	.	.	4354
1.0 - 1.49	.	.	35	311	207	905	392	.	.	.	1750
1.5 - 1.99	.	.	.	6	87	470	183	3	.	.	749
2.0 - 2.49	5	20	44	.	.	.	69
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	395	997	1914	2202	1710	5620	1014	4	0	0	

AVERAGE HS(M) = 0.60 LARGEST HS(M) = 2.43 ANGLE CLASS % = 13.9

STATION 148 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 354.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	3	.	.	.	.	.	.	.	.	.	3
0.5 - 0.99	0
1.0 - 1.49	0
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	3	0	0	0	0	0	0	0	0	0	

AVERAGE HS(M) = 0.01 LARGEST HS(M) = 0.01 ANGLE CLASS % = 0.0

STATION 148 20 YEARS FOR ALL DIRECTIONS
SHORELINE ANGLE = 354.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	TOTAL
0.0-0.49	332	609	220	173	479	965	443	50	171	211	3653
0.50-0.99	.	376	920	184	78	249	272	123	120	311	2752
1.00-1.49	.	.	129	308	138	170	106	31	67	268	1607
1.50-1.99	.	.	.	53	34	156	54	19	28	210	736
2.00-2.49	7	1	7	5	10	33
2.50-2.99	11	1	3	16
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
10.00-10.49	0
10.50-10.99	0
11.00-11.49	0
11.50-11.99	0
12.00-12.49	0
12.50-12.99	0
13.00-13.49	0
13.50-13.99	0
14.00-14.49	0
14.50-14.99	0
15.00-15.49	0
15.50-15.99	0
16.00-16.49	0
16.50-16.99	0
17.00-17.49	0
17.50-17.99	0
18.00-18.49	0
18.50-18.99	0
19.00-19.49	0
19.50-19.99	0
20.00-20.49	0
20.50-20.99	0
21.00-21.49	0
21.50-21.99	0
22.00-22.49	0
22.50-22.99	0
23.00-23.49	0
23.50-23.99	0
24.00-24.49	0
24.50-24.99	0
25.00-25.49	0
25.50-25.99	0
26.00-26.49	0
26.50-26.99	0
27.00-27.49	0
27.50-27.99	0
28.00-28.49	0
28.50-28.99	0
29.00-29.49	0
29.50-29.99	0
30.00-30.49	0
30.50-30.99	0
31.00-31.49	0
31.50-31.99	0
32.00-32.49	0
32.50-32.99	0
33.00-33.49	0
33.50-33.99	0
34.00-34.49	0
34.50-34.99	0
35.00-35.49	0
35.50-35.99	0
36.00-36.49	0
36.50-36.99	0
37.00-37.49	0
37.50-37.99	0
38.00-38.49	0
38.50-38.99	0
39.00-39.49	0
39.50-39.99	0
40.00-40.49	0
40.50-40.99	0
41.00-41.49	0
41.50-41.99	0
42.00-42.49	0
42.50-42.99	0
43.00-43.49	0
43.50-43.99	0
44.00-44.49	0
44.50-44.99	0
45.00-45.49	0
45.50-45.99	0
46.00-46.49	0
46.50-46.99	0
47.00-47.49	0
47.50-47.99	0
48.00-48.49	0
48.50-48.99	0
49.00-49.49	0
49.50-49.99	0
50.00-50.49	0
50.50-50.99	0
51.00-51.49	0
51.50-51.99	0
52.00-52.49	0
52.50-52.99	0
53.00-53.49	0
53.50-53.99	0
54.00-54.49	0
54.50-54.99	0
55.00-55.49	0
55.50-55.99	0
56.00-56.49	0
56.50-56.99	0
57.00-57.49	0
57.50-57.99	0
58.00-58.49	0
58.50-58.99	0
59.00-59.49	0
59.50-59.99	0
60.00-60.49	0
60.50-60.99	0
61.00-61.49	0
61.50-61.99	0
62.00-62.49	0
62.50-62.99	0
63.00-63.49	0
63.50-63.99	0
64.00-64.49	0
64.50-64.99	0
65.00-65.49	0
65.50-65.99	0
66.00-66.49	0
66.50-66.99	0
67.00-67.49	0
67.50-67.99	0
68.00-68.49	0
68.50-68.99	0
69.00-69.49	0
69.50-69.99	0
70.00-70.49	0
70.50-70.99	0
71.00-71.49	0
71.50-71.99	0
72.00-72.49	0
72.50-72.99	0
73.00-73.49	0
73.50-73.99	0
74.00-74.49	0
74.50-74.99	0
75.00-75.49	0
75.50-75.99	0
76.00-76.49	0
76.50-76.99	0
77.00-77.49	0
77.50-77.99	0
78.00-78.49	0
78.50-78.99	0
79.00-79.49	0
79.50-79.99	0
80.00-80.49	0
80.50-80.99	0
81.00-81.49	0
81.50-81.99	0
82.00-82.49	0
82.50-82.99	0
83.00-83.49	0
83.50-83.99	0
84.00-84.49	0
84.50-84.99	0
85.00-85.49	0
85.50-85.99	0
86.00-86.49	0
86.50-86.99	0
87.00-87.49	0
87.50-87.99	0
88.00-88.49						

MEAN HS(METRES) BY MONTH AND YEAR

STATION 148

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.6	0.6	0.6	0.6	0.9	0.5	0.3	0.3	0.9	1.7	1.7	1.3	0.8
1957	0.9	1.0	0.5	1.1	0.7	0.6	0.3	0.5	0.7	1.1	1.3	1.1	0.8
1958	1.1	0.5	0.8	0.8	0.7	0.4	0.6	0.2	0.6	1.3	0.9	1.0	0.7
1959	0.9	0.9	1.2	1.1	0.7	0.3	0.5	0.5	1.0	0.9	1.3	1.1	0.9
1960	0.6	0.7	0.7	0.8	0.4	0.6	0.3	0.6	1.2	0.9	1.0	0.9	0.7
1961	1.0	0.7	0.6	0.6	0.6	0.5	0.4	0.6	0.8	1.3	0.8	0.7	0.7
1962	0.9	0.8	1.0	0.8	0.5	0.5	0.3	0.4	0.9	0.8	0.7	0.8	0.7
1963	0.8	0.9	0.8	1.2	1.0	0.6	0.5	0.5	1.2	1.3	0.8	0.7	0.8
1964	0.6	0.5	0.7	0.8	0.6	0.3	0.5	0.5	1.1	1.6	1.3	1.1	0.8
1965	0.8	0.9	0.5	0.6	0.4	0.7	0.4	0.3	2.0	1.9	1.9	1.6	1.0
1966	1.5	1.4	1.2	1.1	1.1	1.3	1.1	1.0	0.4	0.9	1.2	0.7	1.1
1967	0.6	0.6	1.0	1.0	0.5	0.6	0.4	0.4	0.9	1.0	1.0	0.8	0.7
1968	1.0	0.4	0.5	0.4	0.4	0.6	0.2	0.1	0.3	0.7	0.3	0.4	0.4
1969	1.1	0.7	0.6	0.8	0.9	0.4	0.3	0.6	0.8	1.5	1.4	0.7	0.8
1970	0.8	0.8	0.7	0.6	0.7	0.5	0.3	0.3	0.6	1.5	0.6	0.4	0.7
1971	0.5	0.6	0.4	0.5	0.4	0.3	0.4	0.4	0.7	0.8	1.1	1.4	0.6
1972	1.0	0.8	0.7	0.8	1.0	0.7	0.6	0.4	0.7	1.5	1.1	1.1	0.9
1973	0.8	0.8	0.9	0.9	0.6	0.7	0.4	0.5	0.6	1.3	1.5	1.4	0.9
1974	0.5	0.5	0.4	0.5	0.3	0.4	0.4	0.4	0.5	2.1	1.7	1.1	0.7
1975	0.7	0.6	0.5	0.5	0.2	0.2	0.4	0.2	0.6	0.6	0.8	0.9	0.5
MEAN	0.8	0.7	0.7	0.8	0.6	0.5	0.4	0.4	0.8	1.2	1.1	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 148

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.2	2.3	1.7	1.4	2.4	1.2	1.1	0.8	2.8	3.3	3.0	1.8
1957	2.5	2.6	1.5	2.5	1.6	1.6	1.0	1.5	1.5	2.5	3.3	2.4
1958	3.3	1.4	2.2	1.6	2.1	1.4	1.3	1.2	1.5	2.8	2.0	2.9
1959	2.6	2.3	3.0	2.0	2.2	1.2	1.6	1.1	2.7	2.5	2.9	3.0
1960	1.6	2.3	2.1	1.8	1.8	2.1	0.8	1.5	3.1	2.0	2.4	2.4
1961	2.5	2.2	1.8	1.9	1.5	1.2	1.1	1.5	2.6	2.5	2.4	1.7
1962	2.6	2.0	2.5	2.4	1.7	1.4	1.0	1.7	2.3	2.5	3.8	3.3
1963	2.2	3.0	2.9	2.3	2.2	2.1	1.1	1.0	3.2	3.7	2.5	2.9
1964	2.0	2.4	1.3	1.6	2.4	1.0	2.0	2.2	2.4	3.0	2.6	2.6
1965	2.4	2.2	2.1	1.7	1.3	1.4	1.0	0.9	3.4	3.1	2.7	2.5
1966	2.4	3.1	2.2	2.0	2.2	2.4	2.2	2.0	1.4	2.7	2.6	2.2
1967	2.1	1.9	2.7	2.8	1.4	1.4	1.4	0.9	2.2	2.1	2.6	1.7
1968	2.9	1.8	2.1	0.9	1.6	2.2	0.6	0.8	1.0	2.4	1.0	1.6
1969	2.3	2.1	2.1	2.4	2.0	1.3	1.1	1.6	2.3	3.3	3.3	1.7
1970	2.6	2.1	1.7	1.4	2.4	2.0	1.2	1.2	2.0	3.0	1.8	1.9
1971	2.0	1.9	1.4	1.5	1.3	1.0	1.1	1.4	2.1	2.6	2.5	3.5
1972	2.5	2.9	2.1	2.6	2.2	2.1	1.6	0.9	2.1	3.1	2.4	2.6
1973	2.3	2.4	2.4	2.1	2.1	1.9	0.6	1.2	1.9	3.0	3.4	2.3
1974	2.1	2.4	2.1	1.9	0.9	0.9	0.8	0.8	1.8	3.8	2.8	1.7
1975	2.2	1.9	1.8	1.7	0.7	0.7	1.4	0.7	1.4	2.4	2.6	2.6

LARGEST HS(METRES) FOR STATION 148 = 3.8

AVERAGE HS(M) = 0.38 LARGEST HS(M) = 1.37 ANGLE CLASS % = 12.3

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.65 LARGEST HS(M) = 2.81 ANGLE CLASS % = 13.5

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.84 LARGEST HS(M) = 3.06 ANGLE CLASS % = 13.0

STATION 149 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	472	799	2241	143	1319	4105	3086	345	663	1071	11860
0.50 - 0.99	.	882	.	1456	199	3543	3468	607	4190	2823	17996
1.00 - 1.49	.	.	604	345	145	1093	1693	268	1783	3119	10131
1.50 - 1.99	258	766	732	80	131	840	3907
2.00 - 2.49	1338	501	51	174	297	2640
2.50 - 2.99	102	17	104	73	85	804
3.00 - 3.49	10	3	25	158
3.50 - 3.99	8	8
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	472	1681	2845	1944	2584	10947	9995	1512	7277	8267	

AVERAGE HS(M) = 0.94 LARGEST HS(M) = 4.42 ANGLE CLASS % = 47.6

STATION 149 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	407	752	282	521	610	460	41	.	.	.	3073
0.50 - 0.99	.	258	1271	862	400	651	97	.	.	.	3539
1.00 - 1.49	.	.	88	444	277	781	114	.	.	.	1704
1.50 - 1.99	.	.	.	27	133	814	165	8	.	.	1147
2.00 - 2.49	15	143	157	6	.	.	321
2.50 - 2.99	3	.	.	.	3
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	407	1010	1641	1854	1435	2849	577	14	0	0	

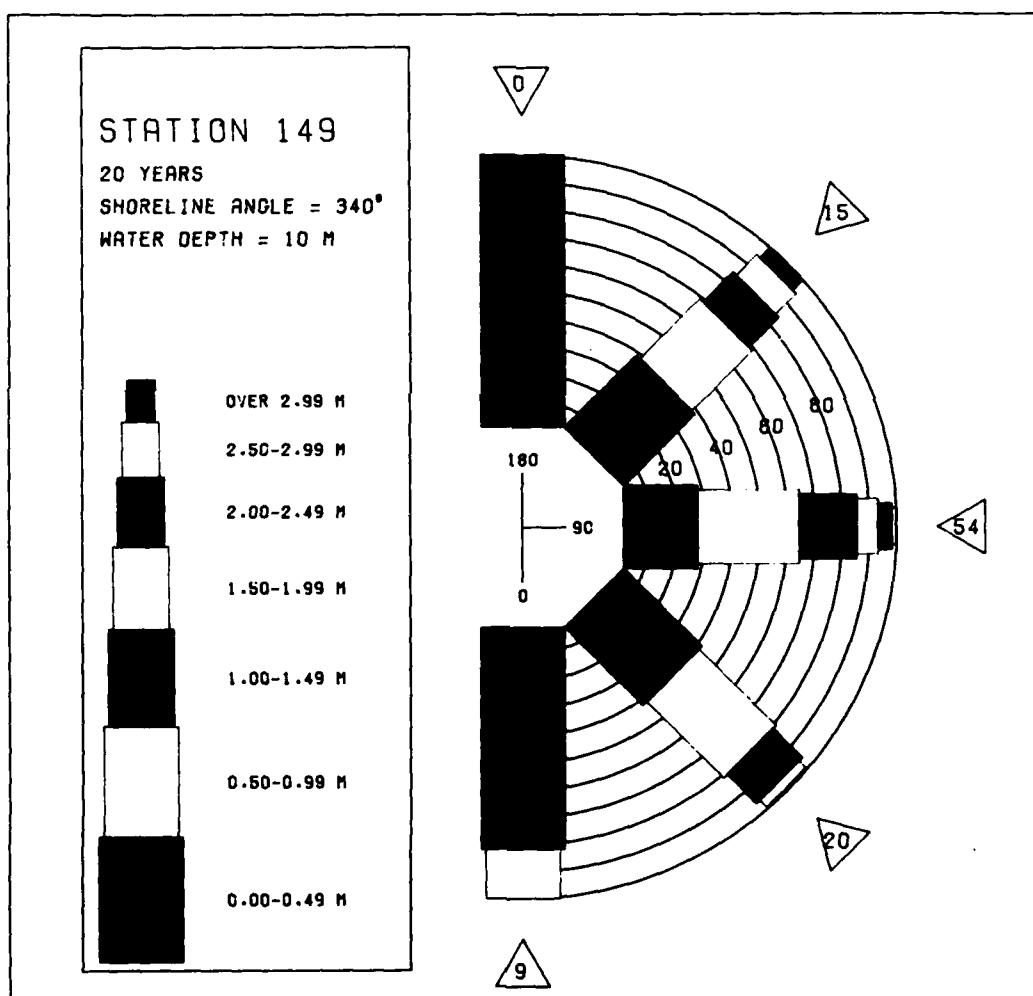
AVERAGE HS(M) = 0.85 LARGEST HS(M) = 2.53 ANGLE CLASS % = 9.6

STATION 149 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
SHORELINE ANGLE = 340.0 DEGREES AZIMUTH
WATER DEPTH = 10.00 METRES
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	142	289	463	936	130	.	.	.	.	.	1960
0.50 - 0.99	0
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	142	289	463	936	130	0	0	0	0	0	

AVERAGE HS(M) = 0.12 LARGEST HS(M) = 0.45 ANGLE CLASS % = 2.0

HEIGHT (METRES)	PERIOD (SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0- LONGER	
0.0-0.49	469	825	271	220	430	715	383	41	77	138	3569
0.50-0.99	.	399	1061	220	81	465	395	75	437	596	3429
1.00-1.49	.	.	180	472	84	207	182	44	182	518	1669
1.50-1.99	.	.	.	72	173	181	92	14	40	84	656
2.00-2.49	46	193	69	7	17	29	361
2.50-2.99	14	55	5	7	8	89
3.00-3.49	2	10	1	2	15
3.50-3.99	1	.	.	3
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
10.00-10.49	0
10.50-10.99	0
11.00-11.49	0
11.50-11.99	0
12.00-12.49	0
12.50-12.99	0
13.00-13.49	0
13.50-13.99	0
14.00-14.49	0
14.50-14.99	0
15.00-15.49	0
15.50-15.99	0
16.00-16.49	0
16.50-16.99	0
17.00-17.49	0
17.50-17.99	0
18.00-18.49	0
18.50-18.99	0
19.00-19.49	0
19.50-19.99	0
20.00-20.49	0
20.50-20.99	0
21.00-21.49	0
21.50-21.99	0
22.00-22.49	0
22.50-22.99	0
23.00-23.49	.	.									



MEAN HS(METRES) BY MONTH AND YEAR

STATION 149

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.7	0.8	0.9	0.8	0.5	0.3	0.3	1.1	1.5	1.3	0.7	0.8
1957	0.9	1.0	0.5	0.9	0.6	0.6	0.3	0.5	0.7	1.1	0.9	1.0	0.8
1958	0.9	0.4	0.6	1.4	0.7	0.4	0.6	0.3	0.7	1.1	0.7	1.0	0.7
1959	0.9	0.9	1.1	0.9	0.7	0.3	0.5	0.7	1.1	0.9	1.4	1.2	0.9
1960	0.6	0.7	0.9	0.9	0.5	0.7	0.3	0.6	1.1	0.9	1.1	1.1	0.8
1961	0.8	0.8	0.7	0.8	0.7	0.5	0.4	0.6	0.9	1.4	1.1	1.2	0.8
1962	0.9	1.0	1.4	0.9	0.6	0.6	0.3	0.4	0.8	0.9	1.2	1.0	0.8
1963	0.9	1.0	0.8	0.7	0.8	0.4	0.3	0.2	1.1	1.6	1.0	0.8	0.8
1964	0.7	0.6	0.8	0.8	0.7	0.3	0.5	0.5	1.2	1.3	1.0	1.1	0.8
1965	0.8	0.9	0.5	0.6	0.5	0.7	0.4	0.3	1.3	1.0	0.9	0.9	0.7
1966	0.9	1.0	0.8	0.7	0.7	0.9	0.6	0.5	0.4	1.0	1.3	1.0	0.8
1967	0.7	0.7	0.9	1.1	0.5	0.6	0.4	0.4	1.0	1.1	1.6	1.5	0.9
1968	0.9	0.4	0.6	0.5	0.5	0.6	0.3	0.2	0.4	0.8	0.4	0.5	0.5
1969	1.2	1.0	1.0	1.1	0.9	0.4	0.3	0.6	0.8	1.5	1.0	0.5	0.9
1970	0.9	0.9	0.8	0.6	0.9	0.5	0.3	0.3	0.6	1.4	0.7	0.5	0.7
1971	0.6	0.7	0.5	0.6	0.4	0.3	0.4	0.4	0.8	0.8	1.2	1.4	0.7
1972	0.9	0.9	0.8	1.1	1.1	0.9	0.7	0.6	0.7	1.1	0.7	0.9	0.9
1973	0.9	1.3	1.2	1.4	1.1	1.2	1.0	1.0	1.1	1.6	0.9	0.6	1.1
1974	0.5	0.6	0.4	0.5	0.3	0.5	0.3	0.4	0.5	1.2	0.9	0.8	0.5
1975	0.9	0.7	0.6	0.8	0.2	0.2	0.4	0.2	0.9	0.9	1.0	1.1	0.7
MEAN	0.8	0.8	0.8	0.9	0.7	0.5	0.4	0.4	0.9	1.2	1.0	0.9	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 149

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.5	2.4	2.3	1.4	2.4	1.1	1.0	0.6	3.1	3.4	3.3	1.4
1957	2.6	2.7	1.4	2.4	1.8	1.5	1.0	1.4	1.5	2.6	3.4	2.4
1958	3.8	1.7	2.0	2.3	2.3	1.3	1.4	1.2	1.5	3.3	2.1	2.7
1959	2.7	2.1	3.0	2.2	2.1	1.1	1.5	1.3	2.7	2.4	2.9	2.9
1960	1.6	2.2	2.0	2.2	1.8	2.2	0.9	1.7	2.7	2.0	2.5	2.8
1961	2.4	2.1	1.7	2.1	1.6	1.5	1.0	1.5	2.9	2.5	2.3	2.3
1962	2.5	2.4	2.8	2.3	1.9	1.3	0.8	1.7	2.2	2.7	4.4	3.6
1963	2.3	3.0	2.9	2.4	2.1	2.3	1.0	0.9	3.2	4.2	2.4	2.8
1964	2.3	2.1	1.8	1.7	2.9	1.0	2.0	2.1	2.4	3.0	2.5	2.5
1965	2.5	2.3	2.2	1.7	1.4	1.4	0.9	1.0	3.4	2.5	2.5	2.4
1966	2.2	3.1	2.4	2.3	2.1	2.4	2.1	2.1	1.5	2.8	2.9	2.5
1967	2.1	2.4	2.5	2.7	1.4	1.4	1.2	1.0	2.2	2.1	3.0	2.4
1968	2.8	1.2	2.2	1.0	1.7	2.3	0.6	0.8	1.0	2.2	1.0	2.1
1969	2.4	2.6	1.7	2.4	1.9	1.2	1.0	1.5	2.2	3.1	2.5	1.7
1970	2.6	2.3	2.0	1.5	2.2	1.8	1.3	1.4	2.0	3.1	2.6	1.9
1971	2.4	1.9	2.1	1.7	1.3	1.0	0.9	1.4	2.3	2.6	2.6	3.6
1972	3.0	3.1	2.3	2.7	2.2	2.2	1.9	1.0	1.9	3.0	2.3	2.8
1973	2.6	3.3	2.5	2.4	2.0	2.0	1.1	1.5	2.0	3.2	3.5	1.9
1974	1.9	2.4	1.8	1.9	0.9	0.8	0.7	0.7	1.9	3.8	2.7	1.5
1975	2.4	1.8	1.8	1.9	0.7	0.6	1.6	0.7	1.4	2.4	2.5	2.8

LARGEST HS(METRES) FOR STATION 149 = 4.4

PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.38 LARGEST HS(M) = 1.59 ANGLE CLASS % = 12.3

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.67 LARGEST HS(M) = 2.86 ANGLE CLASS % = 13.8

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

AVERAGE HS(M) = 0.82 LARGEST HS(M) = 3.34 ANGLE CLASS % = 17.8

STATION 150 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 334.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	390	653	1935	97	912	3550	2890	338	626	1071	10430	
0.50-0.99	.	800	.	.	90	3377	2876	250	4062	2787	16484	
1.00-1.49	.	.	511	1329	114	1170	1435	200	1627	3097	9083	
1.50-1.99	.	.	.	335	687	840	691	78	292	876	4779	
2.00-2.49	.	.	.	1	224	1360	588	53	128	284	2438	
2.50-2.99	85	516	47	68	75	1000	
3.00-3.49	22	111	13	22	168	
3.50-3.99	11	3	27	41	
4.00-4.49	8	8	
4.50-4.99	0	
5.00- GREATER	0	
TOTAL	390	1453	2446	1762	2027	10322	9018	1358	6799	8247		
AVERAGE HS(M) = 0.96 LARGEST HS(M) = 4.50 ANGLE CLASS % = 43.8												

AVERAGE HS(M) = 0.96 LARGEST HS(M) = 4.50 ANGLE CLASS % = 43.8

STATION 150 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 334.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	369	651	289	528	612	195	11	.	.	.	2655
0.50-0.99	.	232	1131	944	306	408	34	.	.	.	10055
1.00-1.49	.	.	116	395	304	643	63	.	.	.	10221
1.50-1.99	.	.	.	41	119	752	162	5	.	.	10779
2.00-2.49	11	191	131	3	1	.	337
2.50-2.99	10	.	.	.	10
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	369	883	1536	1908	1352	2189	411	8	1	0	

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 2.77 ANGLE CLASS % = 8.7

STATION 150 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 334.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

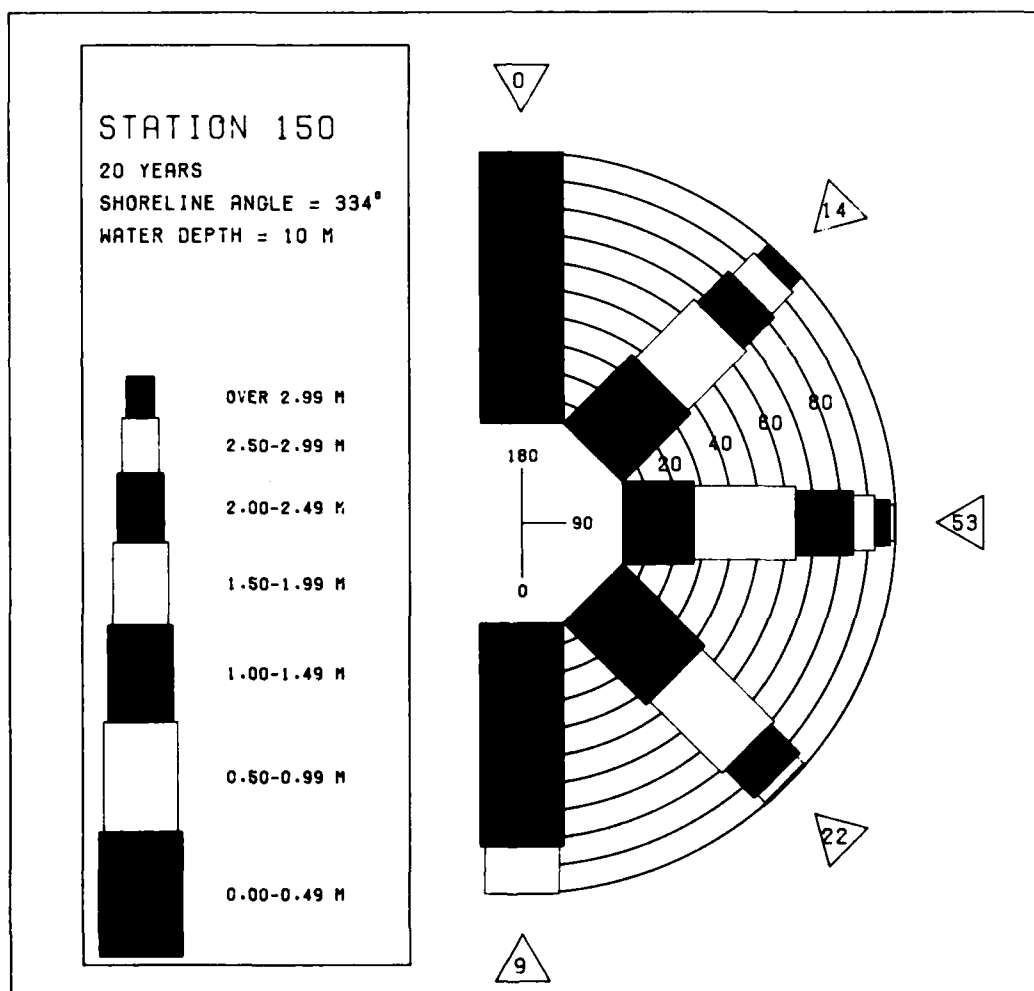
HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	0.49	172	299	369	790	68	.	.	.	.	.	1698
0.50-0.99	0.99	.	.	.	.	.	.	.	.	.	.	0
1.00-1.49	1.49	.	.	.	.	.	.	.	.	.	.	0
1.50-1.99	1.99	.	.	.	.	.	.	.	.	.	.	0
2.00-2.49	2.49	.	.	.	.	.	.	.	.	.	.	0
2.50-2.99	2.99	.	.	.	.	.	.	.	.	.	.	0
3.00-3.49	3.49	.	.	.	.	.	.	.	.	.	.	0
3.50-3.99	3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		172	299	369	790	68	0	0	0	0	0	

AVERAGE HS(M) = 0.12 LARGEST HS(M) = 0.47 ANGLE CLASS % = 1.7

STATION 150 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 334.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	454	798	263	203	452	741	302	41	78	139	3561
0.50-0.99	.	383	1021	222	67	482	399	78	439	334	3385
1.00-1.49	.	.	181	464	66	210	185	43	181	322	1672
1.50-1.99	.	.	.	73	171	169	91	13	40	89	686
2.00-2.49	48	214	73	7	17	29	588
2.50-2.99	14	61	4	8	6	163
3.00-3.49	2	11	1	2	30
3.50-3.99	1	.	.	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	454	1181	1465	962	824	1850	1203	198	764	886	

AVE HS(M) = 0.78 LARGEST HS(M) = 4.50 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 150

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.0	0.7	0.8	0.9	0.8	0.5	0.3	0.3	1.1	1.5	1.3	0.7	0.8
1957	0.9	1.0	0.5	0.9	0.6	0.6	0.3	0.5	0.7	1.1	0.9	1.0	0.8
1958	0.9	0.5	0.6	1.4	0.7	0.4	0.6	0.3	0.7	1.2	0.7	1.1	0.7
1959	0.9	0.9	1.1	0.9	0.7	0.3	0.5	0.7	1.2	0.9	1.4	1.2	0.9
1960	0.6	0.8	0.9	0.9	0.5	0.7	0.3	0.6	1.1	0.9	1.1	1.1	0.8
1961	0.9	0.8	0.7	0.8	0.7	0.5	0.4	0.6	0.9	1.5	1.2	1.2	0.8
1962	0.9	1.0	1.5	0.9	0.7	0.6	0.3	0.4	0.8	1.0	1.2	1.1	0.9
1963	0.9	1.0	0.8	0.7	0.8	0.4	0.3	0.2	1.1	1.6	1.0	0.9	0.8
1964	0.7	0.6	0.8	0.8	0.7	0.3	0.5	0.5	1.2	1.3	1.0	1.1	0.8
1965	0.8	0.9	0.5	0.6	0.5	0.7	0.4	0.3	1.4	1.0	0.9	0.9	0.7
1966	0.9	1.0	0.8	0.7	0.7	0.9	0.5	0.5	0.4	1.0	1.3	1.0	0.8
1967	0.7	0.8	0.9	1.1	0.5	0.6	0.4	0.4	1.0	1.1	1.6	1.5	0.9
1968	0.9	0.4	0.6	0.5	0.5	0.6	0.3	0.2	0.4	0.8	0.4	0.5	0.5
1969	1.2	1.1	1.0	1.1	0.9	0.4	0.3	0.6	0.8	1.5	1.1	0.5	0.9
1970	0.9	0.9	0.8	0.6	0.9	0.5	0.3	0.3	0.6	1.4	0.8	0.5	0.7
1971	0.7	0.7	0.5	0.6	0.4	0.3	0.3	0.4	0.8	0.8	1.2	1.4	0.7
1972	0.9	0.9	0.8	1.1	1.1	0.9	0.7	0.6	0.7	1.1	0.8	1.0	0.9
1973	0.9	1.3	1.2	1.4	1.2	1.2	1.0	1.0	1.1	1.6	0.9	0.6	1.1
1974	0.5	0.6	0.4	0.5	0.3	0.2	0.3	0.4	0.5	1.3	0.9	0.8	0.5
1975	0.9	0.7	0.6	0.8	0.2	0.2	0.4	0.2	0.9	0.9	1.1	1.1	0.7
MEAN	0.9	0.8	0.8	0.9	0.7	0.5	0.4	0.4	0.9	1.2	1.0	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 150

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.5	2.4	2.5	1.4	2.4	1.1	1.0	0.6	3.1	3.4	3.4	1.3	
1957	2.6	2.9	1.4	2.4	1.7	1.5	0.9	1.4	1.6	2.6	3.4	2.4	
1958	3.8	1.9	1.9	2.3	2.3	1.3	1.4	1.2	1.5	3.3	2.1	2.7	
1959	2.7	2.1	3.0	2.4	2.1	1.1	1.5	1.3	2.7	2.4	3.0	2.9	
1960	1.6	2.2	2.1	2.3	1.8	2.2	0.8	1.7	2.6	2.1	2.5	2.8	
1961	2.4	2.1	1.7	2.1	1.6	1.5	1.0	1.4	3.0	2.5	2.3	2.3	
1962	2.5	2.5	2.8	2.3	2.0	1.3	0.8	1.7	2.2	2.8	4.5	3.6	
1963	2.3	3.1	2.9	2.4	2.1	2.3	1.0	0.9	3.2	4.2	2.4	2.7	
1964	2.4	2.1	2.1	1.7	3.0	1.0	2.0	2.1	2.4	3.0	2.5	2.6	
1965	2.5	2.3	2.2	1.8	1.4	1.4	0.9	1.0	3.4	2.5	2.5	2.5	
1966	2.3	3.1	2.4	2.3	2.1	2.4	2.1	2.1	1.5	2.8	2.9	2.5	
1967	2.1	2.4	2.5	2.7	1.4	1.4	1.2	0.9	2.2	2.1	3.0	2.5	
1968	2.8	1.2	2.2	1.0	1.7	2.3	0.6	0.8	1.0	2.2	1.4	2.2	
1969	2.4	2.6	1.8	2.4	1.9	1.2	1.0	1.6	2.2	3.0	2.5	1.8	
1970	2.6	2.4	1.9	1.5	2.0	1.8	1.3	1.4	2.0	3.1	2.7	2.0	
1971	2.4	1.9	2.1	1.6	1.3	1.0	0.9	1.4	2.4	2.6	2.6	3.6	
1972	3.1	3.1	2.3	2.7	2.2	2.2	1.9	1.0	1.9	3.1	2.3	2.9	
1973	2.7	3.3	2.6	2.4	2.0	2.0	1.1	1.6	2.0	3.2	3.5	1.7	
1974	1.9	2.7	1.9	1.9	0.9	0.8	0.7	0.7	1.9	3.8	2.8	1.5	
1975	2.3	1.8	1.7	1.9	0.7	0.6	1.7	0.7	1.4	2.4	2.5	2.8	

LARGEST HS(METRES) FOR STATION 150 = 4.5

STATION 151 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2207	3814	2265	1225	475	319	.	.	.	.	10305
0.50 - 0.99	.	369	1822	781	224	172	.	.	.	.	3368
1.00 - 1.49	.	.	30	100	47	1	.	.	.	.	178
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2207	4183	4117	2106	752	492	0	0	0	0	0

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.63 ANGLE CLASS % = 13.9

STATION 151 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	1096	1724	3015	321	641	1974	511	1	.	.	5947
0.50 - 0.99	.	1425	542	1351	257	130	248	.	.	.	3964
1.00 - 1.49	.	.	.	116	287	135	11	.	.	.	571
1.50 - 1.99	29	3	.	.	.	.	94
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	1096	3149	3557	1768	1243	2433	773	1	0	0	0

AVERAGE HS(M) = 0.66 LARGEST HS(M) = 2.67 ANGLE CLASS % = 14.0

STATION 151 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	742	1026	2327	88	1178	333	165	66	95	278	3683
0.50 - 0.99	.	1047	588	1447	121	205	145	140	176	148	2822
1.00 - 1.49	.	.	.	248	121	87	54	174	46	63	1032
1.50 - 1.99	.	.	.	1	569	126	134	47	18	1	1097
2.00 - 2.49	177	43	17	1	.	.	118
2.50 - 2.99	46	9	.	.	.	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	742	2073	2915	1784	2091	1250	475	445	342	490	0

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 3.08 ANGLE CLASS % = 12.6

STATION 151 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHOVELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	417	691	1964	70	1255	4062	2960	304	605	987	11281
0.50 - 0.99	.	836	.	1355	109	3412	3490	600	4115	2777	17554
1.00 - 1.49	.	.	550	350	728	1139	1716	275	1805	3121	10070
1.50 - 1.99	.	.	.	1	254	732	749	76	165	881	3891
2.00 - 2.49	1358	539	46	165	3008	2871
2.50 - 2.99	100	508	107	77	3008	2871
3.00 - 3.49	18	11	3	25	162
3.50 - 3.99	8	8
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	417	1527	2514	1776	2436	11003	9956	1474	7184	8215	

AVERAGE HS(M) = 0.95 LARGEST HS(M) = 4.45 ANGLE CLASS % = 46.5

STATION 151 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHOVELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	284	340	1043	301	265	506	37	1	.	.	1433
0.50 - 0.99	.	400	.	694	415	718	66	1	.	.	2602
1.00 - 1.49	.	.	246	87	219	627	70	.	.	.	2052
1.50 - 1.99	30	328	169	10	1	.	1416
2.00 - 2.49	35	5	.	.	584
2.50 - 2.99	40
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	284	740	1289	1082	1002	3120	592	17	1	0	

AVERAGE HS(M) = 1.08 LARGEST HS(M) = 2.78 ANGLE CLASS % = 8.1

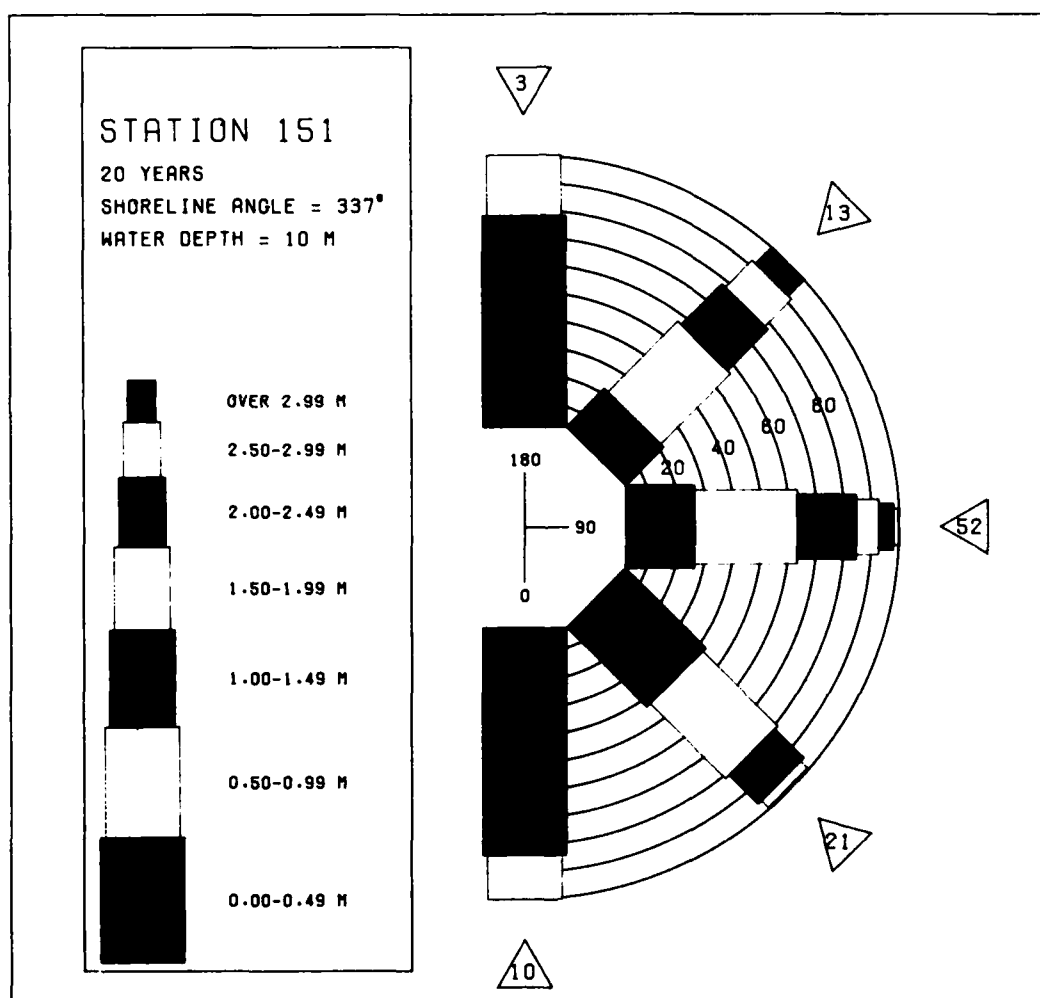
STATION 151 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHOVELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	412	742	605	855	229	5	.	.	.	.	2848
0.50 - 0.99	.	53	540	1023	222	1	.	.	.	.	1840
1.00 - 1.49	.	.	6	71	.	.	.	.	.	.	99
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	412	795	1151	1949	480	6	0	0	0	0	

AVERAGE HS(M) = 0.45 LARGEST HS(M) = 1.39 ANGLE CLASS % = 4.8

STATION 151 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	TOTAL
0.0-0.49	516	834	287	208	404	720	367	37	70	126	3569
0.50-0.99	..	413	1071	558	683	484	359	74	429	292	3484
1.00-1.49	..	..	196	500	97	190	105	45	185	318	1724
1.50-1.99	..	..	..	80	181	220	76	17	41	300	687
2.00-2.49	..	..	..	..	49	15	61	5	17	..	399
2.50-2.99	..	..	..	..	..	..	2	10	1	..	106
3.00-3.49	..	..	..	..	..	..	..	1	..	..	000
3.50-3.99	..	..	..	..	..	..	..	..	..	..	000
4.00-4.49	..	..	..	..	..	..	..	..	..	..	000
4.50-4.99	..	..	..	..	..	..	..	..	..	..	000
5.00- GREATER	..	..	..	..	..	..	..	..	..	..	000
TOTAL	516	1247	1554	1046	799	1830	1178	191	750	866	
AVE HS(M) = 0.80	LARGEST HS(M) = 4.45										TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 151

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	1.1	0.7	0.9	0.9	0.9	0.5	0.3	0.3	1.1	1.5	1.3	0.7	0.9
1957	1.0	1.0	0.5	0.9	0.6	0.6	0.3	0.5	0.8	1.2	1.0	1.0	0.8
1958	1.0	0.6	0.6	1.4	0.8	0.4	0.6	0.3	0.7	1.2	0.8	1.1	0.8
1959	0.9	0.9	1.1	0.9	0.7	0.4	0.5	0.7	1.2	0.9	1.4	1.2	0.9
1960	0.7	0.8	1.0	1.0	0.5	0.7	0.3	0.6	1.1	0.9	1.1	1.1	0.8
1961	0.9	0.8	0.7	0.8	0.7	0.5	0.4	0.6	0.9	1.5	1.2	1.3	0.9
1962	1.0	1.0	1.5	0.9	0.7	0.6	0.3	0.4	0.8	1.0	1.3	1.1	0.9
1963	0.9	1.0	0.8	0.7	0.8	0.4	0.3	0.2	1.1	1.7	1.0	0.9	0.8
1964	0.7	0.7	0.8	0.8	0.7	0.3	0.5	0.5	1.2	1.3	1.0	1.1	0.8
1965	0.8	1.0	0.5	0.6	0.5	0.7	0.4	0.3	1.4	1.0	0.9	0.9	0.8
1966	1.0	1.0	0.8	0.7	0.7	0.9	0.6	0.5	0.4	1.1	1.3	1.0	0.8
1967	0.8	0.8	1.0	1.1	0.5	0.6	0.4	0.4	1.0	1.1	1.6	1.5	0.9
1968	0.9	0.5	0.6	0.5	0.5	0.6	0.3	0.2	0.4	0.8	0.4	0.6	0.5
1969	1.2	1.1	1.0	1.1	0.9	0.4	0.3	0.6	0.9	1.5	1.1	0.6	0.9
1970	1.0	0.9	0.9	0.6	0.9	0.5	0.3	0.3	0.6	1.4	0.8	0.6	0.7
1971	0.7	0.7	0.6	0.7	0.4	0.3	0.4	0.4	0.8	0.8	1.2	1.4	0.7
1972	0.9	1.0	0.8	1.1	1.1	0.9	0.7	0.6	0.7	1.1	0.8	1.0	0.9
1973	1.0	1.4	1.2	1.4	1.1	1.2	1.0	1.0	1.1	1.6	1.0	0.7	1.1
1974	0.5	0.6	0.4	0.5	0.3	0.2	0.3	0.4	0.5	1.3	0.9	0.8	0.6
1975	0.9	0.8	0.6	0.8	0.2	0.2	0.4	0.2	0.9	0.9	1.1	1.1	0.7
MEAN	0.9	0.9	0.8	0.9	0.7	0.5	0.4	0.5	0.9	1.2	1.1	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 151

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.5	2.4	2.5	1.7	2.4	1.1	1.0	0.6	3.1	3.4	3.3	1.4
1957	2.6	2.9	1.5	2.4	1.8	1.5	1.0	1.4	1.5	2.6	3.4	2.5
1958	3.8	1.8	2.0	2.4	2.3	1.3	1.4	1.2	1.5	3.4	2.1	2.7
1959	2.7	2.1	3.0	2.5	2.1	1.1	1.5	1.3	2.7	2.4	3.0	2.9
1960	1.8	2.2	2.1	2.4	1.9	2.2	0.8	1.7	2.6	2.1	2.5	2.9
1961	2.4	2.1	1.7	2.1	1.6	1.5	1.0	1.5	2.9	2.5	2.3	2.3
1962	2.5	2.5	2.8	2.4	2.0	1.3	0.8	1.7	2.2	2.9	4.4	3.6
1963	2.3	3.1	2.9	2.4	2.1	2.3	1.0	0.9	3.2	4.3	2.4	2.8
1964	2.4	2.1	2.0	1.7	3.0	1.0	2.0	2.1	2.4	3.0	2.5	2.5
1965	2.5	2.3	2.3	1.8	1.4	1.4	0.9	1.0	3.4	2.5	2.5	2.5
1966	2.2	3.1	2.4	2.3	2.1	2.4	2.1	2.1	1.5	2.8	2.9	2.5
1967	2.1	2.4	2.5	2.7	1.5	1.4	1.2	0.9	2.2	2.1	3.0	2.5
1968	2.8	1.4	2.2	1.0	1.7	2.2	0.6	0.8	1.0	2.2	1.3	2.1
1969	2.4	2.6	1.8	2.4	1.9	1.2	1.0	1.7	2.2	3.0	2.5	1.8
1970	2.6	2.4	2.0	1.5	2.2	1.8	1.3	1.4	2.0	3.1	2.8	2.0
1971	2.5	2.0	2.1	1.6	1.3	1.0	0.9	1.4	2.4	2.6	2.6	3.6
1972	3.2	3.1	2.4	2.7	2.2	2.2	1.9	1.0	1.9	3.1	2.3	2.8
1973	2.6	3.3	2.5	2.3	2.0	2.0	1.1	1.6	2.0	3.2	3.5	1.7
1974	1.9	2.6	1.9	1.9	0.9	0.8	0.7	0.7	1.9	3.8	2.8	1.5
1975	2.3	1.8	1.8	1.9	0.7	0.6	1.7	0.7	1.4	2.4	2.5	2.8

LARGEST HS(METRES) FOR STATION 151 = 4.4

STATION 152 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOPELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.50 - 0.49	2758	3838	1834	953	367	287	.	.	.	.	10037
1.00 - 0.99	.	472	2051	889	207	150	.	.	.	.	3769
1.50 - 1.49	.	.	54	109	54	.	.	.	.	.	217
2.00 - 1.99	1	.	.	.	.	.	0
2.50 - 2.49	0
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.50 - GREATER	0
TOTAL	2758	4310	3939	1951	629	437	0	0	0	0	0

AVERAGE HS(M) = 0.36 LARGEST HS(M) = 1.69 ANGLE CLASS % = 14.0

STATION 152 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOPELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.50 - 0.49	1492	2121	3552	343	17	20	22	.	.	.	3672
1.00 - 0.99	.	1897	528	1495	15	63	10	.	.	.	5880
1.50 - 1.49	.	.	106	106	234	119	1	.	.	.	2376
2.00 - 1.99	537	119	1	.	.	.	563
2.50 - 2.49	37	47	1	.	.	.	85
3.00 - 2.99	6	.	.	.	.	6
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.50 - GREATER	0
TOTAL	1492	4018	4080	1944	640	374	34	0	0	0	0

AVERAGE HS(M) = 0.75 LARGEST HS(M) = 2.68 ANGLE CLASS % = 12.6

STATION 152 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOPELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES

PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.50 - 0.49	807	1156	2464	85	1486	1084	944	1724	1165	1750	10116
1.00 - 0.99	1	1338	720	1728	153	1478	2390	4082	2808	4322	19821
1.50 - 1.49	.	.	.	302	120	436	956	941	542	2628	6171
2.00 - 1.99	.	.	.	.	266	251	219	246	96	809	2423
2.50 - 2.49	.	.	.	.	213	586	107	65	51	162	1884
3.00 - 2.99	.	.	.	.	.	65	39	10	.	68	182
3.50 - 3.49	.	.	.	.	.	1	3	.	.	30	34
4.00 - 3.99	.	.	.	.	.	.	.	.	.	1	1
4.50 - 4.49	.	.	.	.	.	.	.	.	.	.	0
5.00 - 4.99	.	.	.	.	.	.	.	.	.	.	0
5.50 - GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	808	2494	3184	2115	2608	3911	4658	7068	4656	9770	0

AVERAGE HS(M) = 0.84 LARGEST HS(M) = 3.61 ANGLE CLASS % = 41.3

STATION 152 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	533	710		71	773	2571	2080	47	10		6724
0.50 - 0.99		1036	1995	1563	133	1380	1021	121	10	1	5686
1.00 - 1.49			720	345	802	552	438	39	5	3	3500
1.50 - 1.99					306	426	253	39	13		1871
2.00 - 2.49						1205	167	100	8	6	1718
2.50 - 2.99						155	58	3			360
3.00 - 3.49									1		6
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	533	1746	2715	1979	2065	6290	4218	330	47	11	

AVERAGE HS(M) = 0.93 LARGEST HS(M) = 3.49 ANGLE CLASS % = 20.0

STATION 152 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	304	352		289	160	273	78	1			1168
0.50 - 0.99		444	1019	835	61	629	88	6	1		2537
1.00 - 1.49			266	123	424	663	142	6			2336
1.50 - 1.99					254	706	179		10		1272
2.00 - 2.49					29	231	181	1			442
2.50 - 2.99						5	13				19
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	304	796	1285	1247	928	2507	681	15	11	0	

AVERAGE HS(M) = 1.07 LARGEST HS(M) = 2.66 ANGLE CLASS % = 7.8

STATION 152 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 337.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	525	829	550	527	111						2542
0.50 - 0.99		82	527	867	153	1					1936
1.00 - 1.49			10	106	25						141
1.50 - 1.99											0
2.00 - 2.49											0
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	525	911	1087	1500	298	1	0	0	0	0	

AVERAGE HS(M) = 0.45 LARGEST HS(M) = 1.40 ANGLE CLASS % = 4.3

MEAN HS(METRES) BY MONTH AND YEAR

STATION 152

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.8	0.8	0.8	0.8	0.5	0.3	0.3	1.0	1.3	1.8	1.3	0.9
1957	1.0	1.0	0.6	1.0	0.7	0.6	0.3	0.5	0.8	1.1	1.0	1.1	0.8
1958	1.7	1.4	1.2	1.3	0.8	0.5	0.6	0.3	0.7	1.1	0.7	1.1	0.9
1959	1.1	0.9	1.1	0.9	0.7	0.4	0.5	0.6	1.1	0.8	1.4	1.2	0.9
1960	0.7	0.8	0.8	0.9	0.5	0.7	0.4	0.6	1.0	0.7	1.1	1.3	0.8
1961	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.6	0.8	1.4	1.0	1.0	0.8
1962	0.9	0.8	1.2	0.9	0.6	0.5	0.3	0.4	0.6	0.9	1.1	0.9	0.8
1963	0.9	0.9	0.8	0.7	0.7	0.4	0.3	0.3	1.0	1.5	1.0	0.9	0.8
1964	0.7	0.7	0.8	0.8	0.7	0.4	0.5	0.5	1.0	1.2	1.0	1.1	0.8
1965	0.9	0.9	0.5	0.6	0.5	0.6	0.4	0.3	1.4	0.9	0.9	1.2	0.8
1966	1.1	1.1	0.9	0.7	0.7	0.9	0.5	0.5	0.4	1.0	1.4	1.2	0.9
1967	1.0	1.0	1.1	1.0	0.5	0.6	0.4	0.4	0.9	1.0	1.3	1.1	0.9
1968	0.8	0.4	0.6	0.5	0.4	0.5	0.3	0.2	0.3	0.7	0.4	0.6	0.5
1969	1.2	1.1	0.8	0.9	0.9	0.4	0.3	0.5	0.8	1.4	1.1	0.6	0.8
1970	1.0	1.1	0.8	0.6	0.8	0.5	0.4	0.4	0.6	1.4	0.8	0.8	0.8
1971	0.8	0.8	0.7	0.6	0.4	0.2	0.4	0.4	0.8	0.7	1.2	1.3	0.7
1972	1.1	1.1	1.0	1.0	1.0	0.8	0.7	0.5	0.7	1.0	0.7	1.1	0.9
1973	0.9	1.2	1.1	1.1	0.8	0.9	0.7	0.8	0.8	1.5	1.2	0.8	1.0
1974	0.5	0.6	0.8	0.8	0.3	0.2	0.2	0.3	0.4	1.2	0.8	0.6	0.5
1975	0.7	0.6	0.5	0.6	0.2	0.2	0.4	0.2	0.7	0.7	1.1	1.1	0.6
MEAN	0.9	0.9	0.8	0.8	0.6	0.5	0.4	0.4	0.8	1.1	1.1	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 152

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.4	2.4	1.4	2.2	1.1	1.3	0.7	2.8	3.0	3.2	1.8	
1957	2.5	2.7	1.4	2.2	1.6	1.4	1.0	1.3	1.7	2.4	3.2	2.5	
1958	3.5	2.5	2.0	2.4	2.2	1.4	1.4	1.1	1.5	2.7	2.0	2.6	
1959	2.6	2.2	2.9	2.3	2.2	1.1	1.6	1.3	2.5	2.2	2.9	2.6	
1960	1.7	2.1	2.0	2.3	1.5	2.5	0.8	1.8	2.7	1.8	2.4	2.7	
1961	2.2	2.2	1.7	2.0	2.0	1.7	1.0	1.4	2.5	2.5	2.2	2.2	
1962	2.4	2.3	2.1	2.4	2.0	1.1	0.9	1.7	1.9	2.4	3.3	2.9	
1963	2.2	2.2	2.6	2.3	2.1	1.6	1.1	0.9	3.0	3.1	2.2	2.6	
1964	2.3	2.3	2.0	1.8	2.5	1.0	2.0	1.9	2.2	2.7	2.3	2.3	
1965	2.4	2.1	2.2	1.5	1.4	1.5	0.8	1.0	3.2	2.2	2.4	2.5	
1966	2.3	3.1	2.1	2.3	2.1	2.3	2.1	2.1	1.5	2.8	2.8	2.4	
1967	2.1	2.4	2.5	2.5	1.3	1.5	1.0	0.9	2.1	2.1	2.7	2.3	
1968	2.6	1.4	2.4	1.0	1.8	2.1	0.8	0.8	1.0	2.1	1.3	2.2	
1969	2.6	2.1	1.7	2.1	1.8	1.0	0.9	1.3	2.1	2.8	2.4	2.0	
1970	2.6	2.4	1.8	1.5	2.1	2.0	1.3	1.5	1.6	2.8	2.9	2.2	
1971	2.4	2.1	2.0	1.7	1.4	1.0	1.1	1.5	2.2	2.3	2.5	3.4	
1972	3.0	3.0	2.4	2.5	2.4	2.2	1.7	1.0	1.6	2.7	2.3	2.8	
1973	2.4	2.5	2.4	2.2	1.7	1.8	0.9	1.3	1.7	3.0	3.2	1.9	
1974	1.5	2.6	1.7	2.0	0.9	0.8	0.6	0.8	1.3	3.6	2.5	1.6	
1975	2.0	1.4	1.8	1.8	0.7	0.5	1.0	0.8	1.3	2.1	2.4	2.7	

LARGEST HS(METRES) FOR STATION 152 = 3.6

STATION 153 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOPELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	2677	3745	1796	942	352	270	.	.	.	.	9782
0.50 - 0.99	.	468	2039	853	208	155	.	.	.	.	3768
1.00 - 1.49	.	.	44	109	56	1	.	.	.	.	210
1.50 - 1.99	0	
2.00 - 2.49	0	
2.50 - 2.99	0	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	2677	4213	3879	1949	616	426	0	0	0	0	0	

AVERAGE HS(M) = 0.36 LARGEST HS(M) = 1.44 ANGLE CLASS % = 13.8

STATION 153 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOPELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1522	2118	3459	352	10	20	22	.	.	.	3692	
0.50 - 0.99	.	1899	494	1403	242	133	5	.	.	.	5788	
1.00 - 1.49	.	.	.	109	311	164	1	.	.	.	2272	
1.50 - 1.99	30	5	.	.	.	.	525	
2.00 - 2.49	6	
2.50 - 2.99	0	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	1522	4017	3953	1864	613	368	29	0	0	0	0	

AVERAGE HS(M) = 0.74 LARGEST HS(M) = 2.68 ANGLE CLASS % = 12.4

STATION 153 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOPELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	829	1235	2544	73	1377	920	547	121	1151	1733	7913	
0.50-0.99	1	1372	735	1784	39	1146	1771	953	2808	4317	14974	
1.00-1.49	.	.	.	280	147	301	817	544	540	2631	7499	
1.50-1.99	.	.	.	.	674	220	174	212	68	804	2452
2.00-2.49	.	.	.	.	201	511	90	54	47	157	1060
2.50-2.99	.	.	.	.	.	51	34	8	.	68	161
3.00-3.49	.	.	.	.	.	1	3	.	.	29	33
3.50-3.99	.	.	.	.	.	.	.	.	.	1	1
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00-GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	830	2607	3279	2137	2438	3150	3436	1842	4634	9740	0	

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 3.61 ANGLE CLASS % = 34.1

STATION 153 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	557	740	2091	77	845	2669	2467	1664	11		8953
0.50 - 0.99		1108			63	1709	1637	3266	13		9689
1.00 - 1.49			740	1606	154	681	578	480	5		4254
1.50 - 1.99				350	824	462	294	71	15	10	2019
2.00 - 2.49					330	1259	174	30	13	6	1819
2.50 - 2.99						165	58	1			379
3.00 - 3.49											64
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	557	1848	2831	2033	2216	6946	5411	5525	58	25	

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 3.49 ANGLE CLASS % = 27.5

STATION 153 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	306	366	5		201	285	75	5			1243
0.50 - 0.99		426	1050	278	410	627	83	1			3253
1.00 - 1.49			273	119	248	636	142	6			3333
1.50 - 1.99					32	212	183	1			438
2.00 - 2.49						6	10	1			17
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	306	792	1333	1247	961	2471	665	14	10	0	

AVERAGE HS(M) = 1.06 LARGEST HS(M) = 2.89 ANGLE CLASS % = 7.8

STATION 153 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 339.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	554	840	544	556	114						2608
0.50 - 0.99		63	532	639	193	1					1633
1.00 - 1.49			10	95	29						134
1.50 - 1.99											0
2.00 - 2.49											0
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	554	923	1086	1540	336	1	0	0	0	0	

AVERAGE HS(M) = 0.44 LARGEST HS(M) = 1.49 ANGLE CLASS % = 4.4

MEAN HS(METRES) BY MONTH AND YEAR

STATION 153

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.9	0.8	0.8	0.8	0.8	0.5	0.4	0.3	1.0	1.3	1.8	1.3	0.9
1957	1.0	1.0	0.6	1.0	0.7	0.6	0.3	0.5	0.8	1.1	1.0	1.1	0.8
1958	1.7	1.4	1.2	1.3	0.8	0.5	0.6	0.3	0.7	1.1	0.7	1.1	0.9
1959	1.0	0.9	1.1	0.9	0.7	0.4	0.5	0.6	1.1	0.8	1.4	1.2	0.9
1960	0.7	0.8	0.8	0.9	0.5	0.7	0.4	0.6	1.0	0.7	1.1	1.3	0.8
1961	0.8	0.8	0.7	0.7	0.6	0.5	0.4	0.6	0.8	1.4	1.0	1.0	0.8
1962	0.9	0.8	1.2	0.9	0.6	0.5	0.3	0.4	0.6	0.9	1.1	0.9	0.8
1963	0.9	0.9	0.8	0.7	0.7	0.4	0.3	0.3	1.0	1.5	1.0	0.9	0.8
1964	0.7	0.7	0.8	0.8	0.7	0.4	0.5	0.5	1.0	1.2	1.0	1.1	0.8
1965	0.9	0.9	0.5	0.6	0.5	0.6	0.4	0.4	1.4	0.9	0.9	1.2	0.8
1966	1.1	1.1	0.9	0.7	0.7	0.9	0.5	0.5	0.4	1.0	1.4	1.2	0.9
1967	1.0	1.0	1.1	1.0	0.5	0.6	0.4	0.4	0.9	1.0	1.3	1.1	0.9
1968	0.8	0.4	0.6	0.5	0.4	0.5	0.3	0.2	0.3	0.7	0.4	0.6	0.5
1969	1.2	1.1	0.8	0.9	0.9	0.4	0.3	0.5	0.8	1.4	1.1	0.6	0.8
1970	1.0	1.1	0.8	0.6	0.8	0.5	0.4	0.4	0.6	1.4	0.8	0.8	0.8
1971	0.8	0.8	0.7	0.6	0.4	0.2	0.4	0.4	0.8	0.7	1.2	1.3	0.7
1972	1.1	1.1	1.0	1.0	1.0	0.8	0.7	0.5	0.7	1.0	0.7	1.1	0.9
1973	0.9	1.2	1.1	1.1	0.8	0.9	0.7	0.8	0.8	1.5	1.2	0.8	1.0
1974	0.5	0.6	0.8	0.8	0.3	0.2	0.2	0.3	0.4	1.2	0.8	0.6	0.5
1975	0.7	0.6	0.5	0.6	0.2	0.2	0.4	0.2	0.7	0.7	1.1	1.1	0.6
MEAN	0.9	0.9	0.8	0.8	0.6	0.5	0.4	0.4	0.8	1.1	1.0	1.0	

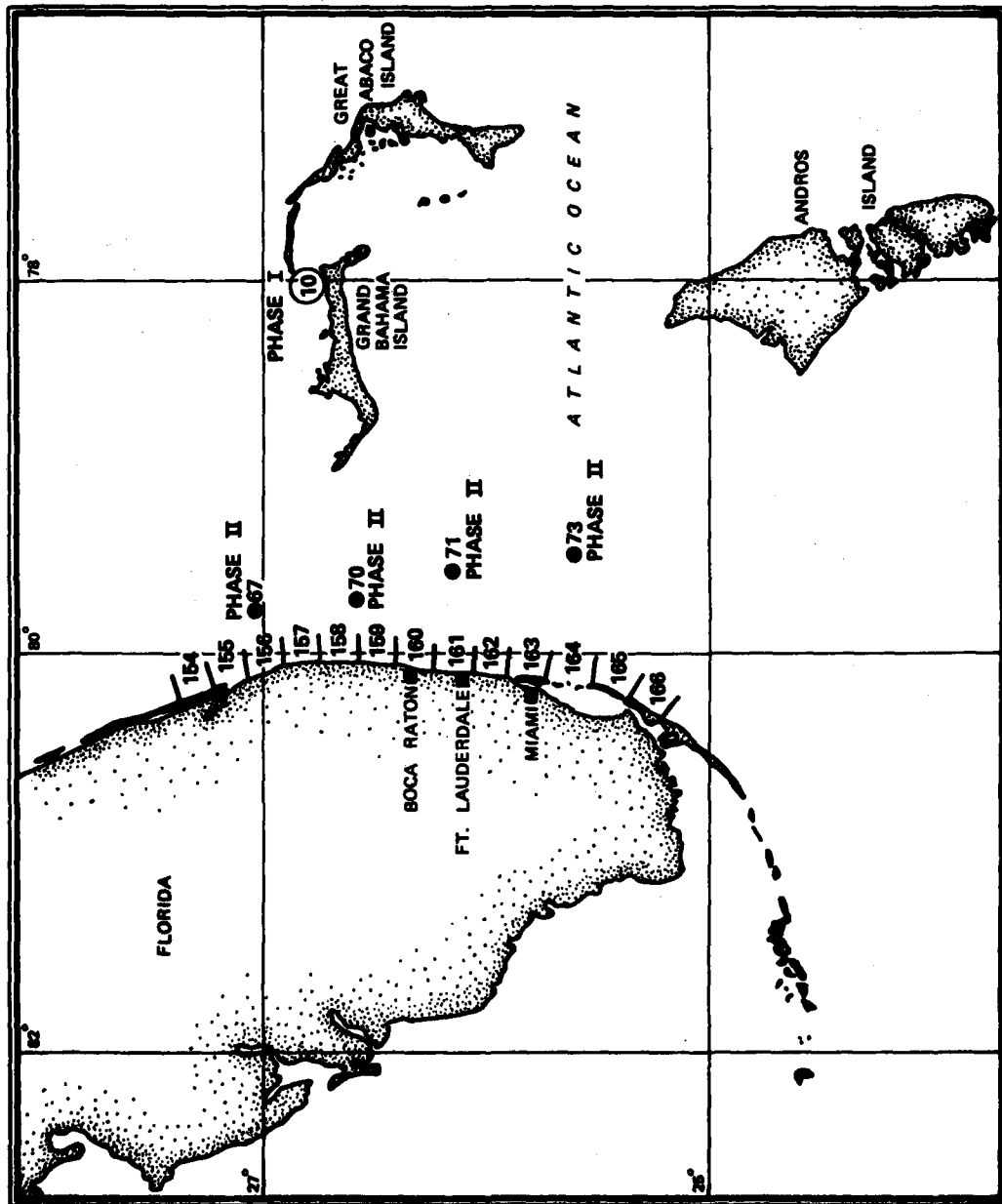
LARGEST HS(METRES) BY MONTH AND YEAR

STATION 153

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.4	2.4	1.4	2.2	1.1	1.3	0.7	2.8	3.0	3.2	1.8	
1957	2.5	2.7	1.4	2.3	1.6	1.5	1.0	1.3	1.7	2.4	3.2	2.4	
1958	3.5	2.5	2.0	2.4	2.2	1.4	1.4	1.1	1.5	2.7	2.0	2.6	
1959	2.6	2.2	2.9	2.3	2.2	1.1	1.6	1.3	2.5	2.2	2.9	2.6	
1960	1.7	2.1	2.0	2.3	1.5	2.4	0.9	1.8	2.7	1.7	2.4	2.7	
1961	2.2	2.2	1.8	2.0	2.0	1.7	1.0	1.4	2.5	2.5	2.2	2.2	
1962	2.4	2.3	2.1	2.4	2.0	1.1	0.9	1.7	1.9	2.4	3.2	2.9	
1963	2.2	2.2	2.6	2.3	2.1	1.6	1.1	0.9	3.0	3.1	2.2	2.6	
1964	2.3	2.2	2.0	1.8	2.3	1.0	2.0	1.9	2.2	2.7	2.3	2.3	
1965	2.4	2.1	2.2	1.5	1.4	1.5	0.8	1.0	3.2	2.2	2.4	2.5	
1966	2.3	3.1	2.1	2.3	2.1	2.3	2.1	2.1	1.5	2.8	2.8	2.4	
1967	2.1	2.4	2.5	2.5	1.3	1.5	1.0	0.9	2.0	2.1	2.7	2.3	
1968	2.6	1.4	2.4	1.0	1.8	2.1	0.8	0.8	1.0	2.1	1.3	2.2	
1969	2.6	2.1	1.7	2.1	1.8	1.0	0.9	1.3	2.1	2.8	2.4	2.0	
1970	2.6	2.4	1.8	1.5	2.1	2.0	1.3	1.5	1.6	2.8	2.9	2.0	
1971	2.4	2.1	2.0	2.0	1.4	1.0	1.1	1.5	2.2	2.3	2.5	3.4	
1972	3.0	3.0	2.4	2.5	2.4	2.2	1.7	1.0	1.6	2.7	2.3	2.8	
1973	2.4	2.5	2.4	2.2	1.7	1.8	0.9	1.3	1.7	3.0	3.2	1.9	
1974	1.5	2.6	1.7	2.0	0.9	0.8	0.6	0.8	1.3	3.6	2.5	1.6	
1975	2.0	1.4	1.8	1.8	0.8	0.5	1.0	0.8	1.3	2.1	2.4	2.7	

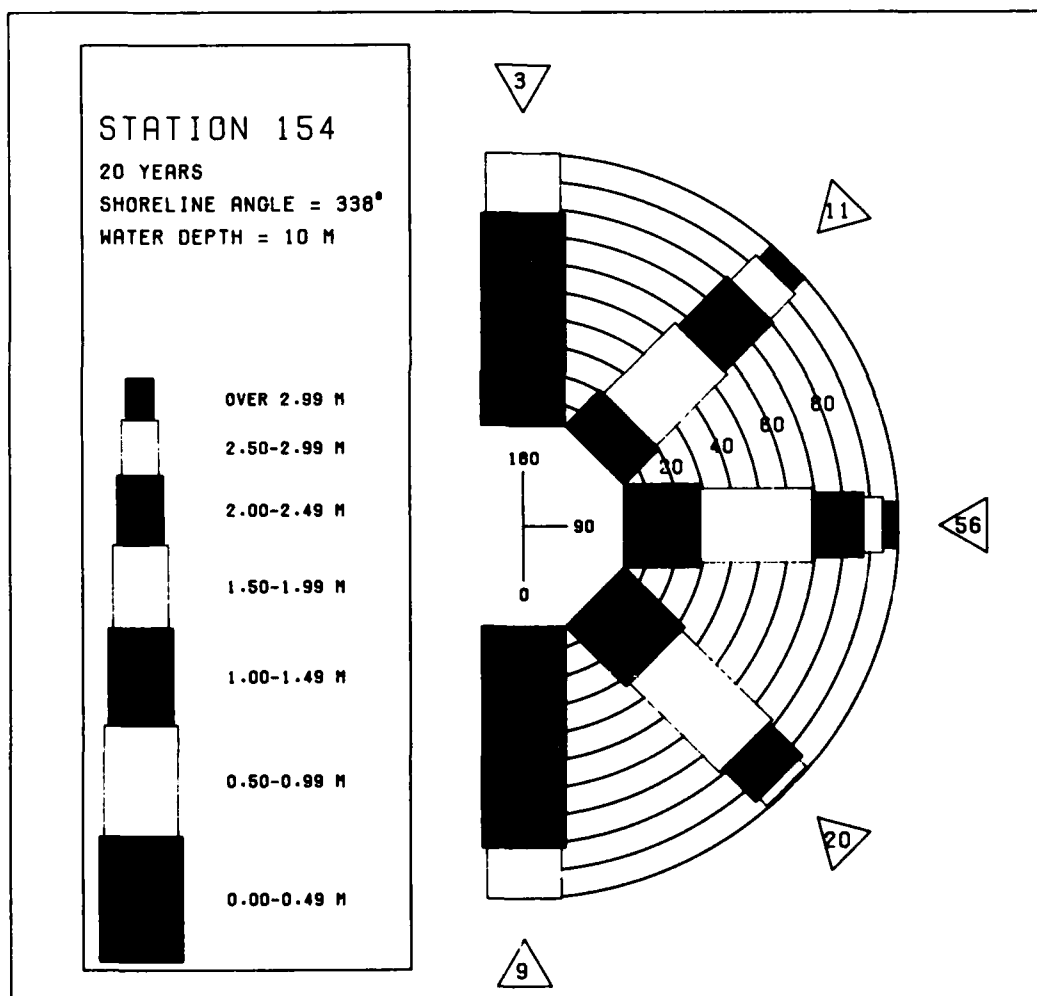
LARGEST HS(METRES) FOR STATION 153 = 3.6



STATION 154 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (METRES)	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-11.9	LONGER	TOTAL
0.0-0.49	642	902	237	149	291	420	311	176	117	172		3417
0.50-0.99	.	531	1164	254	157	370	349	421	282	433		3860
1.00-1.49	.	.	230	585	103	176	154	104	54	263		1669
1.50-1.99	.	.	.	86	207	150	64	28	11	81		627
2.00-2.49	59	203	45	8	5	16		338
2.50-2.99	23	6	2	.	3		56
3.00-3.49		0
3.50-3.99		0
4.00-4.49		0
4.50-4.99		0
5.00- GREATER		0
TOTAL	642	1433	1631	1074	717	1344	954	739	469	973		58440

AVE HS(M) = 0.78 LARGEST HS(M) = 3.61 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 154

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.9	0.8	0.8	0.8	0.8	0.5	0.3	0.3	1.0	1.3	1.8	1.3	0.9
1957	1.0	1.0	0.6	1.0	0.7	0.6	0.3	0.5	0.8	1.1	1.0	1.1	0.8
1958	1.7	1.4	1.2	1.3	0.8	0.5	0.6	0.3	0.7	1.1	0.7	1.1	0.9
1959	1.0	0.9	1.1	0.9	0.7	0.4	0.5	0.6	1.1	0.8	1.4	1.2	0.9
1960	0.7	0.8	0.8	0.9	0.5	0.7	0.4	0.6	1.0	0.7	1.1	1.3	0.8
1961	0.9	0.8	0.7	0.7	0.6	0.5	0.4	0.6	0.8	1.4	1.0	1.0	0.8
1962	0.9	0.8	1.2	0.9	0.6	0.5	0.3	0.4	0.6	0.9	1.1	0.9	0.8
1963	0.9	0.9	0.8	0.7	0.7	0.4	0.3	0.3	1.0	1.5	1.0	0.9	0.8
1964	0.7	0.7	0.8	0.8	0.7	0.4	0.5	0.5	1.0	1.2	1.0	1.1	0.8
1965	0.9	0.9	0.5	0.6	0.5	0.6	0.4	0.4	1.4	0.9	0.9	1.2	0.8
1966	1.1	1.1	0.9	0.7	0.7	0.9	0.5	0.5	0.4	1.0	1.4	1.2	0.9
1967	1.0	1.0	1.1	1.0	0.5	0.6	0.4	0.4	0.9	1.0	1.3	1.2	0.9
1968	0.8	0.4	0.6	0.5	0.4	0.5	0.3	0.2	0.3	0.7	0.4	0.6	0.5
1969	1.2	1.1	0.8	0.9	0.9	0.4	0.3	0.5	0.8	1.4	1.1	0.6	0.8
1970	1.0	1.1	0.8	0.6	0.8	0.5	0.4	0.4	0.6	1.4	0.8	0.8	0.8
1971	0.8	0.8	0.7	0.6	0.4	0.2	0.4	0.4	0.8	0.7	1.2	1.3	0.7
1972	1.1	1.1	1.0	1.0	1.0	0.8	0.7	0.5	0.7	1.0	0.7	1.1	0.9
1973	0.9	1.2	1.1	1.1	0.8	0.9	0.7	0.8	0.8	1.5	1.2	0.8	1.0
1974	0.5	0.6	0.8	0.8	0.3	0.2	0.2	0.3	0.4	1.2	0.8	0.6	0.5
1975	0.7	0.6	0.5	0.6	0.2	0.2	0.4	0.2	0.7	0.7	1.1	1.1	0.6
MEAN	0.9	0.9	0.8	0.8	0.6	0.5	0.4	0.4	0.8	1.1	1.0	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 154

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	2.0	2.4	2.4	1.4	2.2	1.1	1.3	0.7	2.8	3.0	3.2	1.8	
1957	2.5	2.7	1.4	2.2	1.6	1.5	1.0	1.3	1.7	2.4	3.2	2.4	
1958	3.5	2.5	2.0	2.4	2.2	1.4	1.4	1.1	1.5	2.7	2.0	2.6	
1959	2.6	2.2	2.9	2.3	2.2	1.1	1.6	1.3	2.5	2.2	2.9	2.6	
1960	1.7	2.1	2.0	2.3	1.5	2.5	0.8	1.8	2.7	1.7	2.4	2.7	
1961	2.2	2.2	1.7	2.0	2.0	1.7	1.0	1.4	2.5	2.5	2.2	2.2	
1962	2.4	2.3	2.1	2.4	2.0	1.1	0.9	1.7	1.9	2.4	3.3	2.9	
1963	2.2	2.2	2.6	2.3	2.1	1.6	1.1	0.9	3.0	3.1	2.2	2.6	
1964	2.3	2.2	2.0	1.8	2.3	1.0	2.0	1.9	2.2	2.7	2.3	2.3	
1965	2.4	2.1	2.2	1.5	1.4	1.5	0.8	1.0	3.2	2.2	2.4	2.5	
1966	2.3	3.1	2.1	2.3	2.1	2.3	2.1	2.1	1.5	2.8	2.8	2.4	
1967	2.1	2.4	2.5	2.5	1.3	1.5	1.0	0.9	2.1	2.1	2.7	2.3	
1968	2.6	1.4	2.4	1.0	1.8	2.1	0.8	0.8	1.0	2.1	1.3	2.2	
1969	2.6	2.1	1.7	2.1	1.8	1.0	0.9	1.3	2.1	2.8	2.4	2.0	
1970	2.6	2.4	1.8	1.5	2.1	2.0	1.3	1.5	1.6	2.8	2.9	2.0	
1971	2.4	2.1	2.0	2.0	1.4	1.0	1.1	1.5	2.2	2.3	2.5	3.4	
1972	3.0	3.0	2.4	2.5	2.4	2.2	1.7	1.0	1.6	2.7	2.3	2.8	
1973	2.4	2.5	2.4	2.2	1.7	1.8	0.9	1.3	1.7	3.0	3.2	1.9	
1974	1.5	2.6	1.7	2.0	0.9	0.8	0.6	0.8	1.3	3.6	2.5	1.6	
1975	2.0	1.4	1.8	1.8	0.8	0.5	1.0	0.8	1.3	2.1	2.4	2.7	

LARGEST HS(METRES) FOR STATION 154 = 3.6

STATION 155 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2280	2794	1321	795	319	200	.	.	.	.	7709
0.50-0.99	.	414	1706	711	229	123	.	.	.	.	3183
1.00-1.49	.	.	46	118	39	6	.	.	.	.	209
1.50-1.99	1	.	.	.	.	.	1
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2280	3208	3073	1624	588	329	0	0	0	0	0

AVERAGE HS(M) = 0.37 LARGEST HS(M) = 1.58 ANGLE CLASS % = 11.1

STATION 155 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2056	2549	.	359	1	3	1	.	.	.	4610
0.50-0.99	.	2130	3730	1372	25	44	1	.	.	.	2289
1.00-1.49	.	.	518	107	145	53	.	.	.	.	2088
1.50-1.99	263	68	3	.	.	.	441
2.00-2.49	29	39	.	.	.	.	68
2.50-2.99	1	.	.	.	.	1
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2056	4679	4248	1838	463	208	5	0	0	0	0

AVERAGE HS(M) = 0.70 LARGEST HS(M) = 2.56 ANGLE CLASS % = 13.5

STATION 155 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1173	1618	.	99	2183	203	400	106	260	88	6031
0.50-0.99	.	1632	2879	1728	53	152	617	139	104	169	6208
1.00-1.49	.	.	626	309	165	109	155	164	78	152	3167
1.50-1.99	663	143	42	25	34	608	1284
2.00-2.49	220	393	11	5	15	30	669
2.50-2.99	35	17	5	34	91	7
3.00-3.49	1	1	.	5	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1173	3250	3505	2136	3284	1208	1243	628	491	539	0

AVERAGE HS(M) = 0.80 LARGEST HS(M) = 3.47 ANGLE CLASS % = 17.5

STATION 155 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	840	951	2104	68	1471	2970	1107	164	2739	961	11203
0.50 - 0.99	.	1237	.	1330	68	1689	2751	1664	2436	1861	14078
1.00 - 1.49	.	.	641	374	143	467	2159	2411	2101	732	10234
1.50 - 1.99	790	337	704	770	876	1398	5249
2.00 - 2.49	292	1245	355	241	100	862	3135
2.50 - 2.99	157	306	83	5	207	763
3.00 - 3.49	32	54	5	46	138
3.50 - 3.99	5	5	10	20
4.00 - 4.49	3	3
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	840	2188	2745	1822	2764	7065	7454	5397	8468	6080	

AVERAGE HS(M) = 1.00 LARGEST HS(M) = 4.13 ANGLE CLASS % = 44.8

STATION 155 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	402	468	1033	207	290	874	136	.	.	.	2170
0.50 - 0.99	.	396	278	687	53	1030	313	3	.	.	1900
1.00 - 1.49	.	.	.	90	366	780	235	5	1	.	4000
1.50 - 1.99	249	735	212	5	1	.	2200
2.00 - 2.49	35	239	18	6	.	.	2000
2.50 - 2.99	5	.	.	.	.	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	402	864	1311	984	993	3663	1197	17	7	0	

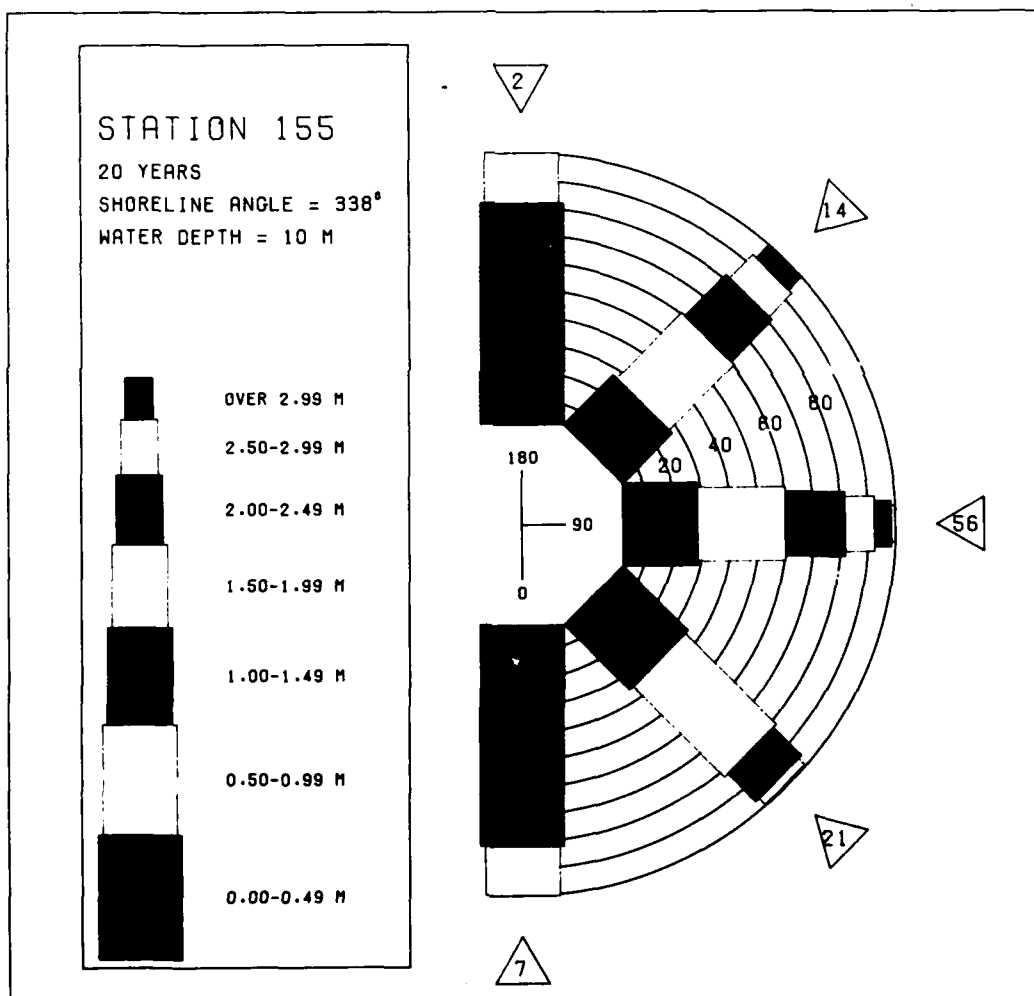
AVERAGE HS(M) = 0.98 LARGEST HS(M) = 2.88 ANGLE CLASS % = 9.5

STATION 155 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 338.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	439	727	527	458	82	.	.	.	.	.	2233
0.50 - 0.99	.	82	390	683	128	1	.	.	.	.	1283
1.00 - 1.49	.	.	3	63	10	.	.	.	.	.	81
1.50 - 1.99	1	.	.	.	.	.	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	439	809	920	1208	221	1	0	0	0	0	

AVERAGE HS(M) = 0.43 LARGEST HS(M) = 1.74 ANGLE CLASS % = 3.6

STATION 155 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 338.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	719	911	184	125	434	425	164	27	299	105	3383
0.50-1.00	.	589	1184	212	341	341	328	200	254	202	3005
1.00-1.50	.	.	211	535	187	141	258	256	238	88	1814
1.50-2.00	.	.	.	88	167	166	100	79	91	146	829
2.00-2.50	57	151	61	24	11	69	433
2.50-3.00	20	34	10	.	24	88
3.00-3.50	3	5	.	1	13
3.50-4.00	1
4.00-4.50	1
4.50-5.00	1
5.00 GREATER	0
TOTAL	719	1500	1579	960	830	1246	988	601	893	660	58440
AVE HS(M) = 0.83 LARGEST HS(M) = 4.13 TOTAL CASES = 58440											



MEAN HS(METRES) BY MONTH AND YEAR

STATION 155

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.7	0.8	1.0	1.1	0.8	0.5	0.4	0.3	1.1	1.1	2.3	1.8	1.0
1957	1.2	1.3	0.9	1.2	0.8	0.7	0.5	0.6	0.8	1.1	1.2	1.4	1.0
1958	2.4	2.1	1.9	1.8	0.8	0.5	0.6	0.3	0.6	1.0	0.7	1.2	1.2
1959	1.4	1.1	1.1	1.1	0.7	0.4	0.5	0.5	1.0	0.8	1.4	1.3	0.9
1960	0.8	0.7	0.8	1.0	0.5	0.6	0.3	0.6	0.9	0.7	1.2	1.8	0.8
1961	0.8	0.7	0.6	0.7	0.6	0.5	0.4	0.6	0.8	1.4	1.0	0.9	0.8
1962	1.0	0.8	0.9	0.9	0.6	0.5	0.3	0.4	0.5	0.9	1.0	0.9	0.7
1963	0.8	0.8	0.8	0.7	0.7	0.5	0.3	0.3	0.8	1.5	1.0	0.9	0.8
1964	0.8	0.7	1.0	0.9	0.7	0.4	0.5	0.4	0.9	1.2	0.9	1.1	0.8
1965	1.0	0.9	0.5	0.5	0.6	0.6	0.4	0.4	1.6	0.9	0.9	1.7	0.8
1966	1.4	1.2	1.0	0.8	0.7	0.5	0.6	0.6	0.4	1.1	1.7	1.5	1.0
1967	1.3	1.2	1.3	1.1	0.5	0.5	0.5	0.4	0.7	1.0	1.3	1.0	0.9
1968	0.8	0.4	0.7	0.5	0.4	0.5	0.3	0.3	0.3	0.7	0.5	0.6	0.5
1969	1.4	1.1	0.7	0.8	0.8	0.4	0.3	0.5	0.7	1.2	1.1	0.8	0.8
1970	1.0	1.5	1.0	0.7	0.9	0.6	0.5	0.6	0.8	1.4	0.9	1.3	0.9
1971	0.9	1.0	0.8	0.6	0.4	0.2	0.4	0.4	0.8	0.7	1.3	1.3	0.7
1972	1.3	1.5	1.4	1.2	1.1	0.8	0.8	0.6	0.6	1.0	0.7	1.4	1.0
1973	0.8	1.1	1.2	0.9	0.5	0.5	0.3	0.4	0.4	1.4	1.7	1.2	0.9
1974	0.4	0.7	1.4	1.2	0.3	0.2	0.2	0.3	0.4	1.2	0.6	0.5	0.6
1975	0.6	0.4	0.5	0.5	0.2	0.1	0.3	0.2	0.4	0.5	1.2	1.3	0.5
MEAN	1.0	1.0	1.0	0.9	0.6	0.5	0.4	0.4	0.7	1.0	1.1	1.2	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 155

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.7	2.0	2.6	1.8	2.2	1.2	1.4	0.8	2.8	3.1	3.7	2.2
1957	2.8	2.6	1.6	2.2	1.7	1.5	0.9	1.3	1.8	2.4	2.8	2.4
1958	4.1	2.8	2.4	3.3	2.0	1.7	1.4	1.0	1.5	2.5	2.0	2.5
1959	2.8	2.2	2.8	2.5	2.1	1.0	1.3	1.2	2.5	2.3	2.9	2.7
1960	1.8	1.6	2.0	2.3	1.3	2.2	0.8	2.0	2.4	1.5	2.4	3.1
1961	2.1	2.1	1.7	2.1	2.0	1.8	1.0	1.3	2.5	2.5	2.4	2.4
1962	2.5	2.2	1.9	2.4	2.0	1.1	0.9	1.8	1.8	2.4	3.1	2.7
1963	2.2	2.1	2.6	2.3	2.2	1.6	1.1	0.8	2.9	2.8	2.2	2.6
1964	2.2	2.4	1.9	2.1	2.6	1.1	2.0	1.4	2.0	2.6	2.3	2.5
1965	2.7	2.1	2.2	1.8	1.4	1.7	0.9	1.0	3.7	2.2	2.4	2.6
1966	2.5	3.0	2.1	2.4	1.9	2.3	1.9	2.0	1.7	2.9	3.0	2.3
1967	2.1	2.5	2.4	2.6	1.3	1.4	1.0	1.0	2.0	2.4	2.9	2.5
1968	2.6	1.4	2.2	1.1	2.0	2.2	1.0	1.0	0.9	2.1	1.4	2.2
1969	2.5	2.3	1.7	2.1	1.9	1.0	0.9	1.1	2.1	2.7	2.6	1.7
1970	2.5	2.5	1.7	1.7	2.0	2.4	1.4	1.6	1.5	2.8	3.0	2.3
1971	2.4	2.4	2.1	1.7	1.6	1.0	1.3	1.5	2.1	2.0	2.6	3.3
1972	3.1	3.2	2.5	2.2	2.2	2.2	1.6	1.2	1.7	2.6	2.0	3.1
1973	2.2	2.5	2.5	2.2	1.4	1.6	0.8	1.3	1.3	3.0	3.6	2.3
1974	1.2	2.7	2.0	2.1	1.0	1.0	0.5	0.9	1.1	3.3	2.3	1.6
1975	1.9	1.2	1.7	2.1	0.7	0.5	0.9	0.9	1.3	2.3	2.3	2.8

LARGEST HS(METRES) FOR STATION 155 = 4.1

MEAN HS(METRES) BY MONTH AND YEAR

STATION 156

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.6	0.8	1.0	1.1	0.8	0.5	0.4	0.3	1.1	1.1	2.2	1.7	1.0
1957	1.2	1.3	0.9	1.2	0.8	0.7	0.5	0.6	0.8	1.1	1.2	1.4	1.0
1958	2.3	2.0	1.8	1.8	0.8	0.5	0.6	0.3	0.6	1.0	0.7	1.2	1.1
1959	1.3	1.1	1.1	1.1	0.7	0.4	0.5	0.5	0.9	0.8	1.4	1.3	0.9
1960	0.8	0.7	0.7	1.0	0.5	0.6	0.4	0.6	0.9	0.7	1.2	1.8	0.8
1961	0.8	0.7	0.6	0.6	0.6	0.5	0.4	0.6	0.8	1.4	1.0	0.9	0.8
1962	1.0	0.8	0.9	0.9	0.6	0.5	0.3	0.4	0.5	0.9	1.0	0.9	0.7
1963	0.8	0.8	0.8	0.7	0.7	0.5	0.3	0.3	0.8	1.5	1.0	0.9	0.8
1964	0.7	0.7	1.0	0.9	0.7	0.4	0.5	0.4	0.9	1.2	0.9	1.1	0.8
1965	1.0	0.8	0.5	0.5	0.6	0.6	0.4	0.4	1.5	0.9	0.9	1.6	0.8
1966	1.4	1.1	1.0	0.8	0.7	0.9	0.6	0.6	0.4	1.1	1.7	1.5	1.0
1967	1.3	1.2	1.3	1.0	0.5	0.5	0.5	0.4	0.7	1.0	1.3	1.0	0.9
1968	0.8	0.3	0.7	0.5	0.4	0.5	0.3	0.3	0.3	0.7	0.5	0.6	0.5
1969	1.3	1.1	0.6	0.8	0.8	0.4	0.3	0.5	0.7	1.2	1.1	0.8	0.8
1970	1.0	1.5	1.0	0.7	0.9	0.6	0.5	0.6	0.8	1.4	0.9	1.3	0.9
1971	0.9	1.0	0.8	0.6	0.4	0.3	0.4	0.4	0.7	0.7	1.3	1.3	0.7
1972	1.3	1.5	1.4	1.2	1.1	0.8	0.8	0.6	0.6	1.0	0.7	1.4	1.0
1973	0.8	1.1	1.1	0.9	0.5	0.5	0.3	0.4	0.4	1.4	1.7	1.2	0.9
1974	0.4	0.7	1.3	1.2	0.3	0.2	0.2	0.3	0.4	1.2	0.6	0.4	0.6
1975	0.6	0.4	0.5	0.5	0.2	0.1	0.3	0.2	0.4	0.5	1.2	1.2	0.5
MEAN	1.0	1.0	1.0	0.9	0.6	0.5	0.4	0.4	0.7	1.0	1.1	1.2	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 156

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.7	2.0	2.4	1.7	2.2	1.3	1.4	0.8	2.8	3.1	3.6	2.1	
1957	2.6	2.6	1.6	2.2	1.6	1.5	0.9	1.3	1.8	2.4	2.8	2.4	
1958	4.0	2.7	2.4	3.2	2.0	1.6	1.4	1.0	1.5	2.4	2.0	2.5	
1959	2.8	2.2	2.9	2.5	2.1	1.0	1.3	1.2	2.4	2.3	2.9	2.7	
1960	1.7	1.6	1.9	2.3	1.3	2.2	0.9	2.0	2.4	1.5	2.4	3.0	
1961	2.2	2.1	1.7	2.1	2.0	1.8	1.0	1.3	2.5	2.5	2.3	2.4	
1962	2.5	2.2	1.7	2.4	2.0	1.1	0.9	1.8	1.8	2.4	3.1	2.7	
1963	2.2	2.1	2.6	2.3	2.2	1.5	1.1	0.8	2.9	2.8	2.2	2.6	
1964	2.1	2.2	1.9	2.1	2.6	1.1	2.1	1.6	1.9	2.6	2.3	2.5	
1965	2.7	2.1	2.2	1.8	1.4	1.7	0.9	1.0	3.7	2.2	2.4	2.6	
1966	2.5	3.0	2.1	2.4	1.9	2.3	1.9	2.0	1.7	2.9	3.0	2.3	
1967	2.1	2.3	2.4	2.6	1.3	1.4	1.0	1.0	1.9	2.3	2.8	2.4	
1968	2.6	1.0	2.2	1.1	2.0	2.2	1.0	1.0	0.9	2.1	1.4	2.2	
1969	2.4	2.2	1.6	2.1	1.9	1.0	0.9	1.1	2.1	2.7	2.6	1.7	
1970	2.5	2.5	1.7	1.7	2.0	2.4	1.4	1.7	1.5	2.8	2.8	2.3	
1971	2.4	2.4	2.1	1.7	1.6	1.0	1.3	1.5	2.1	1.9	2.5	3.3	
1972	3.1	3.2	2.5	2.2	2.2	2.2	1.6	1.2	1.7	2.6	2.0	3.0	
1973	2.2	2.4	2.4	2.2	1.5	1.6	0.8	1.3	1.3	3.0	3.5	2.2	
1974	1.2	2.7	2.0	2.1	1.0	1.0	0.5	0.9	1.1	3.3	2.3	1.6	
1975	1.9	1.2	1.7	2.1	0.7	0.5	0.9	0.9	1.4	2.3	2.3	2.8	

LARGEST HS(METRES) FOR STATION 156 = 4.0

STATION 157 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 347.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2046	2511	1218	747	239	138	.	.	.	.	6899
0.50-0.99	.	362	1507	662	256	121	.	.	.	.	2908
1.00-1.49	.	.	41	131	58	5	.	.	.	.	235
1.50-1.99	3	.	.	.	.	.	3
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2046	2873	2766	1540	556	264	0	0	0	0	0

AVERAGE HS(M) = 0.38 LARGEST HS(M) = 1.72 ANGLE CLASS % = 10.1

STATION 157 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 347.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1950	2125	3331	376	34	5	1	.	.	.	4081
0.50-0.99	.	1870	444	1226	136	58	1	.	.	.	2670
1.00-1.49	.	.	.	75	167	88	1	.	.	.	1804
1.50-1.99	30	22	.	.	.	.	292
2.00-2.49	53
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1950	3995	3775	1677	367	222	3	0	0	0	0

AVERAGE HS(M) = 0.69 LARGEST HS(M) = 2.49 ANGLE CLASS % = 12.0

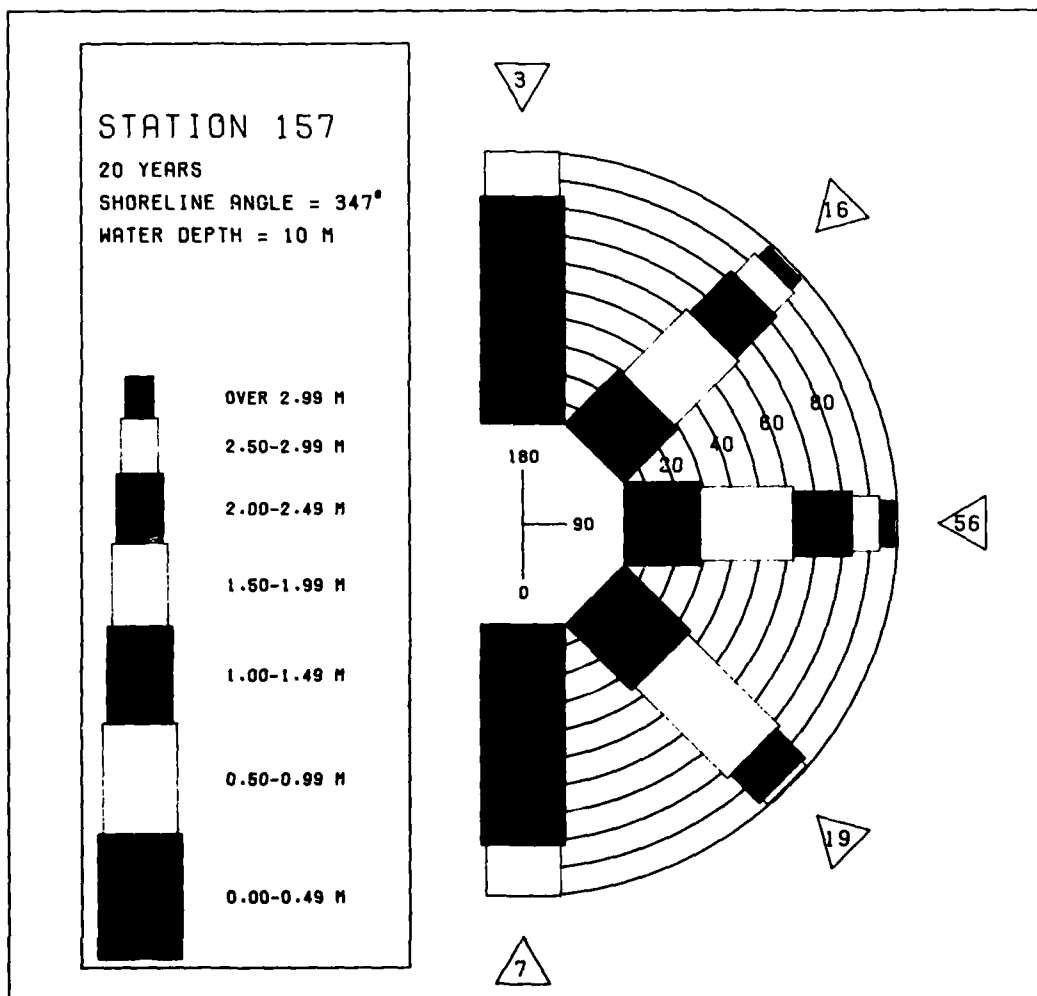
STATION 157 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 347.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1351	1841	3044	99	1976	150	130	107	254	88	5897
0.50-0.99	.	1863	609	1605	152	205	222	322	102	171	5077
1.00-1.49	.	.	.	263	34	34	21	152	78	138	3838
1.50-1.99	160	75	17	22	34	121	1027
2.00-2.49	239	5	5	15	40	449
2.50-2.99	23	1	.	.	5	67
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1351	3704	3653	1967	2851	726	451	628	483	537	0

AVERAGE HS(M) = 0.76 LARGEST HS(M) = 3.29 ANGLE CLASS % = 16.4

STATION 157 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 347.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.50 - 0.49	740	920	178	130	415	427	166	31	293	107	3407	
1.00 - 0.99	.	626	1229	206	62	329	377	208	248	197	3482	
1.50 - 1.49	.	.	217	564	100	130	249	248	234	81	1823	
2.00 - 1.99	.	.	.	80	186	116	95	72	81	156	786	
2.50 - 2.49	59	169	48	22	8	85	591	
3.00 - 2.99	19	28	10	.	17	74	
3.50 - 3.49	2	4	.	3	9	
4.00 - 3.99	1	1	
4.50 - 4.49	0	
5.00 - GREATER	0	
TOTAL	740	1546	1624	980	822	1190	965	595	864	647		
AVE HS(M) = 0.82 LARGEST HS(M) = 4.02 TOTAL CASES = 58440												



MEAN HS(METRES) BY MONTH AND YEAR

STATION 157

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.6	0.8	1.0	1.1	0.8	0.5	0.4	0.3	1.1	1.1	2.2	1.7	1.0
1957	1.1	1.3	0.9	1.2	0.8	0.7	0.5	0.6	0.8	1.1	1.2	1.4	1.0
1958	2.3	2.0	1.9	1.8	0.8	0.5	0.7	0.3	0.6	1.0	0.7	1.1	1.1
1959	1.3	1.0	1.1	1.1	0.7	0.4	0.5	0.5	0.9	0.8	1.4	1.3	0.9
1960	0.8	0.7	0.7	1.0	0.5	0.7	0.4	0.6	1.0	0.7	1.2	1.8	0.8
1961	0.8	0.7	0.6	0.6	0.6	0.5	0.4	0.6	0.8	1.4	1.0	0.9	0.7
1962	1.0	0.8	0.8	0.9	0.6	0.5	0.3	0.4	0.5	0.8	1.0	0.9	0.7
1963	0.8	0.8	0.8	0.7	0.7	0.5	0.3	0.3	0.8	1.4	1.0	0.9	0.7
1964	0.7	0.7	1.0	0.9	0.7	0.4	0.6	0.4	0.9	1.1	0.9	1.1	0.8
1965	1.0	0.8	0.5	0.5	0.6	0.6	0.4	0.4	1.5	0.9	0.9	1.6	0.8
1966	1.4	1.1	1.0	0.8	0.7	0.9	0.6	0.6	0.4	1.1	1.7	1.5	1.0
1967	1.3	1.2	1.3	1.0	0.5	0.5	0.5	0.4	0.7	1.0	1.3	0.9	0.9
1968	0.8	0.3	0.7	0.5	0.4	0.5	0.3	0.3	0.3	0.7	0.5	0.6	0.5
1969	1.3	1.0	0.6	0.8	0.8	0.4	0.3	0.5	0.7	1.1	1.1	0.8	0.8
1970	0.9	1.5	1.0	0.7	0.9	0.6	0.5	0.6	0.8	1.4	0.9	1.2	0.9
1971	0.9	1.0	0.8	0.6	0.4	0.3	0.4	0.4	0.7	0.7	1.3	1.3	0.7
1972	1.3	1.5	1.4	1.2	1.1	0.8	0.8	0.6	0.6	1.0	0.6	1.3	1.0
1973	0.8	1.1	1.1	0.9	0.5	0.5	0.3	0.4	0.4	1.4	1.6	1.2	0.8
1974	0.4	0.7	1.3	1.2	0.3	0.2	0.2	0.3	0.4	1.2	0.6	0.4	0.6
1975	0.6	0.4	0.5	0.5	0.2	0.1	0.3	0.2	0.4	0.5	1.2	1.2	0.5
MEAN	1.0	1.0	0.9	0.9	0.6	0.5	0.4	0.4	0.7	1.0	1.1	1.2	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 157

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.7	2.0	2.4	1.7	2.2	1.3	1.4	0.8	2.7	3.0	3.6	2.1
1957	2.6	2.5	1.6	2.2	1.6	1.5	0.9	1.3	1.8	2.3	2.8	2.4
1958	4.0	2.7	2.4	3.2	2.0	1.6	1.4	1.0	1.5	2.4	2.0	2.5
1959	2.8	2.2	2.9	2.4	2.1	1.0	1.3	1.2	2.4	2.4	2.8	2.7
1960	1.5	1.6	1.8	2.3	1.3	2.2	1.0	2.0	2.4	1.5	2.4	3.0
1961	2.2	2.1	1.7	2.1	2.0	1.8	1.0	1.3	2.4	2.5	2.3	2.1
1962	2.5	2.1	1.7	2.4	2.0	1.1	0.9	1.9	1.8	2.4	3.1	2.7
1963	2.1	2.1	2.5	2.3	2.2	1.5	1.1	0.8	2.9	2.8	2.2	2.6
1964	2.1	2.2	1.7	2.1	2.3	1.1	2.1	1.6	1.9	2.6	2.3	2.5
1965	2.7	2.1	2.3	1.6	1.4	1.7	0.9	1.0	3.7	2.2	2.4	2.5
1966	2.4	3.0	2.1	2.4	1.9	2.3	1.9	1.9	1.7	2.9	2.9	2.3
1967	2.1	2.2	2.4	2.5	1.3	1.4	1.0	1.0	1.9	2.3	2.7	2.3
1968	2.6	1.0	2.2	1.1	2.0	2.2	1.0	1.0	0.9	2.1	1.4	2.1
1969	2.4	2.2	1.6	2.1	1.8	1.0	1.0	1.0	2.0	2.7	2.6	1.7
1970	2.4	2.5	1.7	1.6	2.0	2.4	1.4	1.7	1.5	2.8	2.8	2.3
1971	2.4	2.4	1.9	1.7	1.6	1.0	1.3	1.5	2.0	1.9	2.5	3.3
1972	3.1	3.1	2.5	2.2	2.2	2.2	1.6	1.2	1.7	2.6	2.0	3.0
1973	2.1	2.4	2.4	2.2	1.5	1.6	0.8	1.3	1.3	2.9	3.5	2.2
1974	1.2	2.5	2.0	2.2	1.1	1.3	0.5	0.9	1.0	3.3	2.3	1.6
1975	1.9	1.2	1.8	2.1	0.7	0.5	0.9	0.9	1.4	2.3	2.4	2.8

LARGEST HS(METRES) FOR STATION 157 = 4.0

STATION 158 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 1.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2551	2855	4731	342	639	1480	1214	241	2811	1093	12884
0.50-0.99	2618	756	3598	124	263	1427	1759	2330	1863	15333	9931
1.00-1.49	.	.	936	260	88	373	414	612	1480	4163	14499
1.50-1.99	.	.	27	65	254	207	54	68	734	249	526
2.00-2.49	.	.	.	.	23	80	5	23	106	23	80
2.50-2.99	.	.	.	.	.	.	.	.	.	.	6
3.00-3.49	.	.	.	.	.	.	.	.	.	.	0
3.50-3.99	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2551	5473	5487	4903	1088	2111	4159	4206	8147	5932	

AVERAGE HS(M) = 0.87 LARGEST HS(M) = 3.86 ANGLE CLASS % = 44.1

STATION 158 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 1.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1093	1213	6	562	1632	1731	646	22	42	.	6385
0.50-0.99	.	814	2233	1122	174	886	1421	133	56	.	6385
1.00-1.49	.	261	118	273	54	318	328	39	1	.	1317
1.50-1.99	84
2.00-2.49	1
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	1093	2027	2500	1802	2577	4137	3406	144	108	0	

AVERAGE HS(M) = 0.79 LARGEST HS(M) = 3.08 ANGLE CLASS % = 17.8

STATION 158 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 1.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

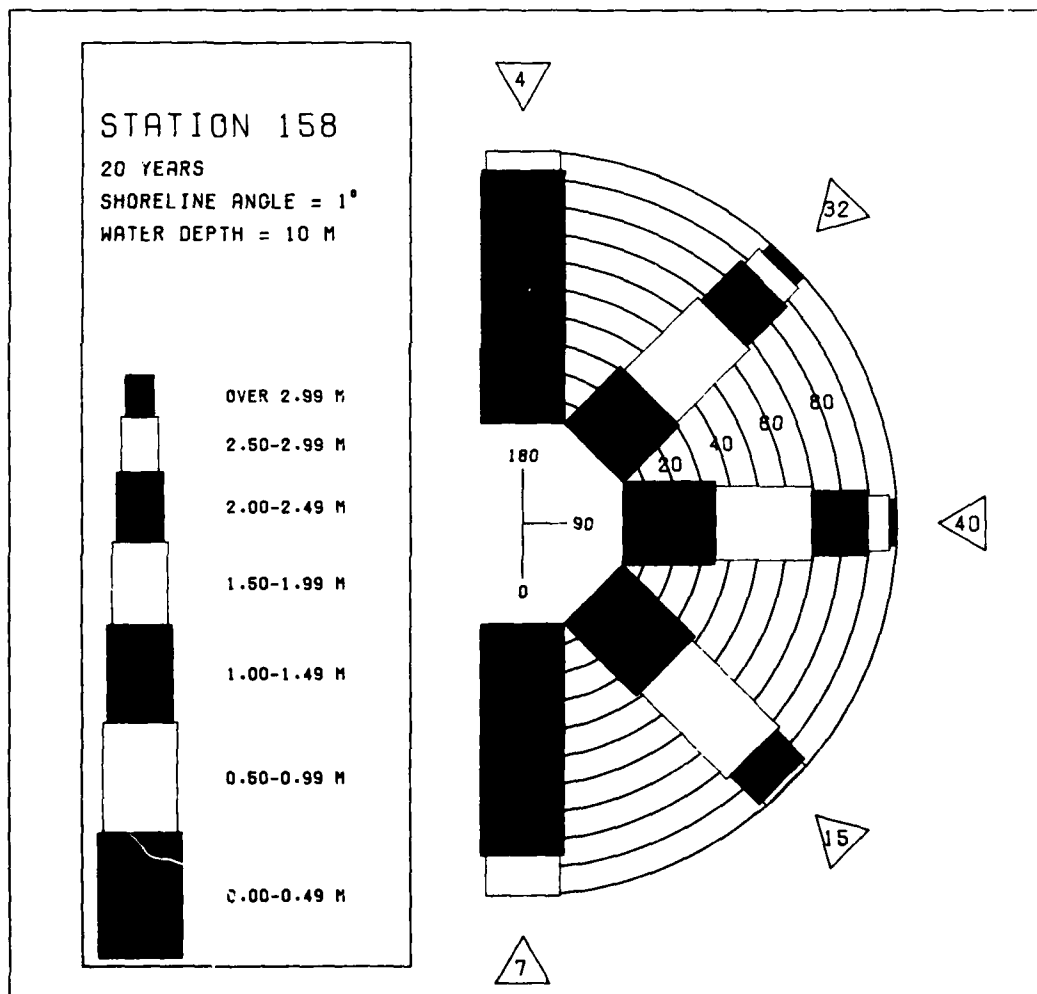
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	918	1406	1004	1226	302	11	.	.	.	.	4867
0.50-0.99	.	78	597	494	213	27	.	.	.	.	1409
1.00-1.49	.	.	8	13	1	.	.	.	.	.	46
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	918	1484	1609	1733	541	38	0	0	0	0	

AVERAGE HS(M) = 0.32 LARGEST HS(M) = 1.51 ANGLE CLASS % = 6.3

STATION 158 20 YEARS FOR ALL DIRECTIONS
 SHORELINE ANGLE = 1.0 DEGREES AZIMUTH.
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

PERIODS FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49											
0.50-0.99	1086	1155	220	177	271	329	187	26	285	109	3845
1.00-1.49		688	1433	247	61	132	285	176	238	186	3446
1.50-1.99			167	745	97	75	160	165	232	62	1703
2.00-2.49				137	68	77	70	44	61	148	605
2.50-2.99				3	16	58	43	12	7	73	212
3.00-3.49						3	11	2		10	51
3.50-3.99										2	4
4.00-4.49											0
4.50-4.99											0
5.00-5.99											0
6.00-6.99											0
7.00-7.99											0
8.00-8.99											0
9.00-9.99											0
10.00-10.99											0
11.00-11.99											0
12.00-12.99											0
13.00-13.99											0
14.00-14.99											0
15.00-15.99											0
16.00-16.99											0
17.00-17.99											0
18.00-18.99											0
19.00-19.99											0
20.00-20.99											0
21.00-21.99											0
22.00-22.99											0
23.00-23.99											0
24.00-24.99											0
25.00-25.99											0
26.00-26.99											0
27.00-27.99											0
28.00-28.99											0
29.00-29.99											0
30.00-30.99											0
31.00-31.99											0
32.00-32.99											0
33.00-33.99											0
34.00-34.99											0
35.00-35.99											0
36.00-36.99											0
37.00-37.99											0
38.00-38.99											0
39.00-39.99											0
40.00-40.99											0
41.00-41.99											0
42.00-42.99											0
43.00-43.99											0
44.00-44.99											0
45.00-45.99											0
46.00-46.99											0
47.00-47.99											0
48.00-48.99											0
49.00-49.99											0
50.00-50.99											0
51.00-51.99											0
52.00-52.99											0
53.00-53.99											0
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56.00-56.99											0
57.00-57.99											0
58.00-58.99											0
59.00-59.99											0
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61.00-61.99											0
62.00-62.99											0
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64.00-64.99											0
65.00-65.99											0
66.00-66.99											0
67.00-67.99											0
68.00-68.99											0
69.00-69.99											0
70.00-70.99											0
71.00-71.99											0
72.00-72.99											0
73.00-73.99											0
74.00-74.99											0
75.00-75.99											0
76.00-76.99											0
77.00-77.99											0
78.00-78.99											0
79.00-79.99											0
80.00-80.99											0
81.00-81.99											0
82.00-82.99											0
83.00-83.99											0
84.00-84.99											0
85.00-85.99											0
86.00-86.99											0
87.00-87.99											0
88.00-88.99											0
89.00-89.99											0
90.00-90.99											0
91.00-91.99											0
92.00-92.99											0
93.00-93.99											0
94.00-94.99											0
95.00-95.99											0
96.00-96.99											0
97.00-97.99											0
98.00-98.99											0
99.00-99.99											0
TOTAL	1086	1843	1820	1309	513	674	756	432	823	590	58440
AVE HS(M) = 0.72	LARGEST HS(M) = 3.86		TOTAL CASES =		58440						

AVE HS(M) = 0.72 LARGEST HS(M) = 3.86 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 158

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.7	0.9	1.1	0.7	0.4	0.4	0.2	1.0	0.9	2.0	1.6	0.9
1957	1.0	1.2	0.9	1.1	0.8	0.6	0.5	0.5	0.7	0.8	1.0	1.2	0.9
1958	2.2	2.0	1.8	1.7	0.7	0.5	0.6	0.2	0.5	0.7	0.6	1.0	1.1
1959	1.2	0.9	1.0	1.0	0.6	0.3	0.5	0.5	0.8	0.6	1.2	1.1	0.8
1960	0.7	0.6	0.6	0.9	0.4	0.6	0.4	0.6	0.8	0.5	1.0	1.6	0.7
1961	0.6	0.7	0.6	0.6	0.5	0.5	0.4	0.5	0.7	1.1	0.9	0.7	0.7
1962	0.8	0.7	0.6	0.7	0.6	0.5	0.3	0.4	0.4	0.6	0.6	0.5	0.6
1963	0.7	0.5	0.7	0.6	0.5	0.4	0.4	0.3	0.5	1.0	0.8	0.7	0.6
1964	0.6	0.5	0.9	0.8	0.5	0.4	0.5	0.4	0.6	0.9	0.7	1.0	0.7
1965	0.9	0.7	0.4	0.4	0.5	0.6	0.4	0.4	1.3	0.6	0.7	1.5	0.7
1966	1.2	1.0	0.9	0.7	0.7	0.8	0.5	0.6	0.3	0.9	1.5	1.4	0.9
1967	1.2	1.1	1.1	0.9	0.5	0.4	0.5	0.4	0.5	0.9	1.1	0.9	0.8
1968	0.6	0.2	0.6	0.4	0.3	0.3	0.3	0.2	0.2	0.6	0.5	0.5	0.4
1969	1.1	0.7	0.6	0.7	0.7	0.4	0.3	0.4	0.6	0.9	0.9	0.7	0.7
1970	0.8	1.5	1.0	0.8	0.9	0.6	0.6	0.6	0.7	1.1	0.8	1.2	0.9
1971	0.8	1.5	0.7	0.5	0.4	0.2	0.4	0.4	0.6	0.5	1.2	1.1	0.6
1972	1.2	1.3	1.3	1.1	0.9	0.8	0.7	0.6	0.6	0.8	0.6	1.3	0.9
1973	0.7	0.9	1.0	0.8	0.4	0.5	0.2	0.4	0.4	1.1	1.5	1.1	0.8
1974	0.4	0.6	1.2	1.1	0.3	0.3	0.2	0.3	0.3	1.0	0.6	0.4	0.5
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.2	0.3	0.4	0.5	1.0	1.1	0.4
MEAN	0.9	0.9	0.9	0.8	0.6	0.5	0.4	0.4	0.6	0.8	1.0	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 158

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.2	1.6	2.2	1.6	1.8	1.1	1.2	0.8	2.3	2.7	3.2	1.9	
1957	2.6	2.4	1.4	2.3	1.5	1.3	0.8	1.2	1.4	2.2	2.5	2.1	
1958	3.9	2.4	2.2	2.6	1.5	1.3	1.3	1.1	1.4	2.1	2.0	2.2	
1959	2.6	1.8	2.6	2.4	1.6	1.1	1.2	1.1	2.5	1.6	2.6	2.5	
1960	1.4	1.5	1.5	2.2	1.2	2.0	1.2	1.4	2.5	1.4	2.2	2.8	
1961	2.0	1.7	1.4	2.0	1.5	1.7	1.0	1.2	1.9	2.4	2.2	2.4	
1962	2.3	1.8	1.4	1.8	1.6	1.1	0.8	1.5	1.5	2.2	2.2	1.7	
1963	1.9	2.1	2.3	2.1	2.1	1.3	1.0	1.2	2.1	2.8	2.3	2.4	
1964	1.9	1.9	1.5	1.5	1.3	1.0	1.6	1.5	1.4	2.5	2.2	2.1	
1965	2.3	1.9	1.9	1.2	1.2	1.3	1.0	1.0	3.7	2.4	2.3	2.3	
1966	2.4	2.5	1.8	1.6	1.5	2.2	1.5	1.3	1.4	2.8	2.6	2.4	
1967	2.1	2.1	2.4	2.4	1.3	1.3	1.0	1.0	1.4	1.9	2.5	2.2	
1968	2.5	0.9	1.9	1.1	1.5	1.8	1.0	1.0	0.9	2.0	1.5	2.0	
1969	2.4	1.9	1.5	1.5	1.5	1.0	1.0	1.2	1.9	2.3	2.3	1.8	
1970	2.4	2.4	2.2	1.6	1.9	1.6	1.2	1.3	1.3	2.6	2.5	1.8	
1971	1.8	2.0	1.5	1.5	1.3	1.1	1.2	1.5	1.8	1.3	2.2	3.3	
1972	3.1	2.6	2.4	2.1	2.1	2.1	1.3	1.1	1.5	2.6	1.5	3.0	
1973	2.1	2.0	2.1	1.7	1.3	1.7	0.8	1.3	1.3	2.8	3.3	2.3	
1974	1.1	2.3	1.8	1.8	1.1	1.5	0.6	0.9	0.8	3.0	1.9	1.3	
1975	2.0	1.2	1.4	1.5	0.7	0.6	1.0	0.9	1.3	1.6	1.9	2.8	

LARGEST HS(METRES) FOR STATION 158 = 3.9

ATLANTIC COAST HINDCAST SHALLOW-WATER SIGNIFICANT WAVE
INFORMATION(U) ARMY ENGINEER WATERWAYS EXPERIMENT
STATION VICKSBURG MS HYDRAULICS LAB R E JENSEN JAN 83

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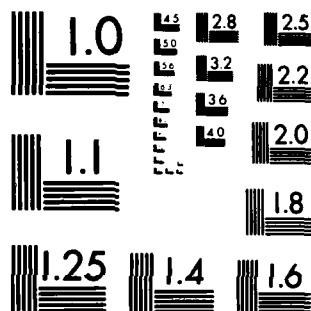
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

STATION 159 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 12.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2443	2496	1216	629	70	17	.	.	.	.	6871
0.50-0.99	.	191	1157	585	181	51	.	.	.	.	2145
1.00-1.49	.	.	23	97	63	8	.	.	.	.	194
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2443	2687	2376	1311	320	76	0	0	0	0	
AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.59 ANGLE CLASS % = 9.2											

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.59 ANGLE CLASS % = 9.2

STATION 159 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 12.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0-0.49	1659	1445	2049	275	30	17	10	.	.	.	3161	
0.50-0.99	.	977	219	807	23	68	10	.	.	.	1402	
1.00-1.49	.	.	.	32	335	150	1	.	.	.	1512	
1.50-1.99	142	126	.	.	.	.	301	
2.00-2.49	30	27	.	.	.	.	57	
2.50-2.99	0	
3.00-3.49	0	
3.50-3.99	0	
4.00-4.49	0	
4.50-4.99	0	
5.00- GREATER	0	
TOTAL	1659	2422	2268	1114	560	388	22	0	0	0	0	

AVERAGE HS(M) = 0.69

LARGEST HS(M) = 2.48

ANGLE CLASS % = 8.4

AVERAGE HS(M) = 0.69 LARGEST HS(M) = 2.48 ANGLE CLASS % = 8.4

STATION 159 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 12.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	1842	1599	.	.	1	.	.	.	.	.	.	3442
0.50-0.99	.	1492	2553	150	32	6	3	.	.	.	.	4192
1.00-1.49	.	.	306	1238	54	1	1	.	.	.	.	1873
1.50-1.99	.	.	.	143	13	6	1	.	.	.	.	203
2.00-2.49	.	.	.	.	.	1	.	.	.	.	.	1
2.50-2.99	.	.	.	.	.	.	.	.	.	.	.	0
3.00-3.49	.	.	.	.	.	.	.	.	.	.	.	0
3.50-3.99	.	.	.	.	.	.	.	.	.	.	.	0
4.00-4.49	.	.	.	.	.	.	.	.	.	.	.	0
4.50-4.99	.	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1842	3091	2859	1531	99	13	4	0	0	0	0	0

AVERAGE HS(M) = 0.66

LARGEST HS(M) = 2.54

ANGLE CLASS % = 9.4

AVERAGE HS(M) = 0.66 LARGEST HS(M) = 2.54 ANGLE CLASS % = 9.4

MEAN HS(METRES) BY MONTH AND YEAR

STATION 159

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.7	0.9	1.0	0.7	0.4	0.4	0.2	0.9	0.8	1.8	1.5	0.8
1957	0.9	1.1	0.8	1.0	0.7	0.6	0.5	0.5	0.7	0.8	1.0	1.1	0.8
1958	2.0	1.8	1.6	1.6	0.7	0.5	0.6	0.2	0.5	0.6	0.6	0.9	1.0
1959	1.1	0.9	1.0	1.0	0.6	0.3	0.5	0.5	0.7	0.6	1.1	1.0	0.8
1960	0.6	0.6	0.6	0.9	0.4	0.6	0.4	0.6	0.8	0.5	0.9	1.5	0.7
1961	0.6	0.7	0.6	0.6	0.5	0.5	0.4	0.5	0.6	1.0	0.8	0.7	0.6
1962	0.8	0.6	0.5	0.7	0.5	0.5	0.3	0.4	0.4	0.6	0.5	0.5	0.5
1963	0.6	0.5	0.7	0.6	0.5	0.4	0.4	0.3	0.5	0.9	0.8	0.6	0.6
1964	0.6	0.5	0.9	0.8	0.5	0.4	0.5	0.5	0.6	0.8	0.7	0.9	0.6
1965	0.8	0.7	0.4	0.4	0.5	0.6	0.4	0.4	1.2	0.6	0.7	1.4	0.7
1966	1.1	1.0	0.8	0.7	0.6	0.8	0.5	0.5	0.3	0.8	1.3	1.3	0.8
1967	1.1	1.0	1.0	0.8	0.5	0.4	0.5	0.4	0.5	0.8	1.1	0.9	0.8
1968	0.6	0.2	0.6	0.4	0.3	0.3	0.3	0.2	0.2	0.6	0.5	0.5	0.4
1969	1.0	0.7	0.5	0.7	0.7	0.4	0.3	0.4	0.6	0.9	0.8	0.7	0.6
1970	0.7	1.4	1.0	0.7	0.9	0.5	0.5	0.6	0.7	1.0	0.7	1.1	0.8
1971	0.7	1.0	0.7	0.5	0.4	0.3	0.4	0.4	0.5	0.5	1.1	1.0	0.6
1972	1.1	1.2	1.2	1.0	0.9	0.7	0.7	0.6	0.5	0.7	0.5	1.2	0.9
1973	0.6	0.8	1.0	0.8	0.4	0.5	0.2	0.4	0.4	1.0	1.4	1.0	0.7
1974	0.4	0.6	1.1	1.0	0.3	0.3	0.2	0.3	0.3	0.9	0.6	0.4	0.5
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.2	0.3	0.4	0.5	1.0	1.0	0.4
MEAN	0.8	0.8	0.8	0.8	0.5	0.5	0.4	0.4	0.6	0.8	0.9	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 159

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.2	1.4	1.8	1.8	1.7	1.1	1.2	0.8	2.1	2.4	2.8	1.8	
1957	2.4	2.3	1.4	2.3	1.4	1.3	0.9	1.1	1.4	2.0	2.3	2.0	
1958	3.5	2.2	2.1	2.3	1.5	1.3	1.3	1.1	1.3	2.0	1.9	2.0	
1959	2.5	1.6	2.5	2.2	1.6	1.1	1.1	1.1	2.3	1.5	2.4	2.4	
1960	1.3	1.7	1.4	2.0	1.2	1.9	1.5	1.4	2.3	1.4	2.1	2.5	
1961	1.9	2.1	1.4	1.8	1.6	1.6	1.0	1.2	1.6	2.2	2.0	2.2	
1962	2.1	1.5	1.3	1.7	1.4	1.1	0.8	1.6	1.4	2.2	2.0	1.5	
1963	1.8	2.0	2.1	2.1	2.0	1.4	1.0	1.2	2.1	2.6	2.2	2.3	
1964	1.7	1.7	1.5	1.5	1.2	1.0	1.6	1.6	1.4	2.3	2.2	1.9	
1965	2.2	2.0	1.8	1.2	1.2	1.3	1.0	1.0	3.4	2.3	2.2	2.1	
1966	2.4	2.5	1.7	1.6	1.4	2.3	1.8	1.0	1.4	2.6	2.3	2.2	
1967	2.1	1.9	2.3	2.3	1.3	1.4	1.1	1.0	1.5	1.9	2.4	1.9	
1968	2.4	0.8	1.9	1.0	1.4	2.0	1.0	1.0	0.9	2.0	1.4	1.9	
1969	2.2	2.1	1.7	1.4	1.4	1.0	1.0	1.3	1.9	2.2	2.3	2.0	
1970	2.3	2.2	2.2	1.6	1.8	1.6	1.2	1.3	1.3	2.4	2.2	1.7	
1971	1.6	2.0	1.4	1.8	1.3	1.0	1.2	1.5	1.6	1.6	2.1	3.1	
1972	2.7	2.3	2.2	2.0	2.0	2.1	1.3	1.1	1.4	2.5	1.5	2.8	
1973	2.1	1.8	2.1	1.8	1.3	1.8	0.8	1.3	1.3	2.7	3.1	2.2	
1974	1.1	2.1	1.7	1.7	1.1	1.7	0.6	0.9	0.8	2.8	1.9	1.3	
1975	1.9	1.1	1.4	1.5	0.7	0.6	1.0	0.9	1.4	1.6	1.8	2.6	

LARGEST HS(METRES) FOR STATION 159 = 3.5

STATION 160 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 7.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	2503	2462	1187	610	78	20	1	.	.	.	6861	
0.50 - 0.99	.	196	1184	588	186	63	.	.	.	.	2217
1.00 - 1.49	.	.	23	90	71	6	.	.	.	.	190
1.50 - 1.99	0	
2.00 - 2.49	0	
2.50 - 2.99	0	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	2503	2658	2394	1288	340	89	1	0	0	0		
AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.83 ANGLE CLASS % = 9.3												

AVERAGE HS(M) = 0.34 LARGEST HS(M) = 1.83 ANGLE CLASS % = 9.3

STATION 160 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 7.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1783	1529	.	.	39	23	8	.	.	.	3382	
0.50 - 0.99	.	1167	.	313	23	27	6	.	.	.	1800	
1.00 - 1.49	.	.	2291	824	340	128	.	.	.	.	1800
1.50 - 1.99	.	.	231	42	124	118	1	.	.	.	1285	
2.00 - 2.49	35	15	.	.	.	.	501	
2.50 - 2.99	0	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	1783	2696	2522	1181	561	368	15	0	0	0	0	

AVERAGE HS(M) = 0.68 LARGEST HS(M) = 2.54 ANGLE CLASS % = 9.1

STATION 160 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 7.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)											TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0 - 0.49	1914	1870	.	157	1	1	.	.	.	.	3785
0.50 - 0.99	.	1666	2796	1976	15	1	.	.	.	.	4620
1.00 - 1.49	.	.	337	1476	34	6	3	.	.	.	1831	
1.50 - 1.99	.	.	.	165	.	.	1	.	.	.	206	
2.00 - 2.49	.	.	.	1	.	.	.	.	.	.	10
2.50 - 2.99	0	
3.00 - 3.49	0	
3.50 - 3.99	0	
4.00 - 4.49	0	
4.50 - 4.99	0	
5.00 - GREATER	0	
TOTAL	1914	3536	3133	1799	56	10	4	0	0	0	0	

AVERAGE HS(M) = 0.67 LARGEST HS(M) = 2.48 ANGLE CLASS % = 10.5

MEAN HS(METRES) BY MONTH AND YEAR

STATION 160

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.7	0.9	1.0	0.7	0.4	0.4	0.2	0.9	0.8	1.8	1.5	0.8
1957	1.0	1.1	0.8	1.0	0.7	0.6	0.5	0.5	0.7	0.8	1.0	1.2	0.8
1958	2.0	1.8	1.6	1.6	0.7	0.5	0.6	0.2	0.5	0.6	0.6	0.9	1.0
1959	1.1	0.9	1.0	1.0	0.6	0.3	0.5	0.5	0.7	0.6	1.1	1.0	0.8
1960	0.6	0.6	0.6	0.9	0.4	0.6	0.4	0.6	0.8	0.5	1.0	1.5	0.7
1961	0.6	0.7	0.6	0.6	0.5	0.5	0.4	0.5	0.7	1.1	0.8	0.7	0.6
1962	0.8	0.7	0.5	0.7	0.5	0.5	0.3	0.4	0.4	0.6	0.6	0.5	0.5
1963	0.6	0.5	0.7	0.6	0.5	0.4	0.4	0.3	0.5	1.0	0.8	0.6	0.6
1964	0.6	0.5	0.9	0.8	0.5	0.4	0.5	0.4	0.6	0.8	0.7	0.9	0.6
1965	0.8	0.7	0.4	0.4	0.5	0.6	0.4	0.4	1.2	0.6	0.7	1.4	0.7
1966	1.1	1.0	0.8	0.7	0.6	0.8	0.5	0.5	0.3	0.8	1.4	1.3	0.8
1967	1.1	1.0	1.0	0.8	0.5	0.4	0.5	0.4	0.5	0.9	1.1	0.9	0.8
1968	0.6	0.2	0.6	0.4	0.3	0.3	0.3	0.2	0.2	0.6	0.5	0.5	0.4
1969	1.1	0.7	0.6	0.7	0.7	0.4	0.3	0.4	0.6	0.9	0.9	0.7	0.7
1970	0.7	1.4	1.0	0.7	0.9	0.5	0.5	0.6	0.7	1.0	0.7	1.1	0.8
1971	0.7	1.0	0.7	0.5	0.4	0.3	0.4	0.4	0.5	0.5	1.1	1.0	0.6
1972	1.2	1.2	1.2	1.0	0.9	0.7	0.7	0.6	0.5	0.7	0.5	1.2	0.9
1973	0.6	0.8	1.0	0.8	0.4	0.5	0.2	0.4	0.4	1.1	1.4	1.0	0.7
1974	0.4	0.6	1.1	1.0	0.3	0.3	0.2	0.3	0.3	1.0	0.6	0.4	0.5
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.2	0.3	0.4	0.5	1.0	1.0	0.4
MEAN	0.8	0.8	0.8	0.8	0.6	0.5	0.4	0.4	0.6	0.8	0.9	1.0	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 160

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.2	1.5	2.0	1.8	1.8	1.1	1.2	0.8	2.2	2.7	2.8	1.7	
1957	2.6	2.4	1.4	2.3	1.4	1.3	0.8	1.1	1.4	2.1	2.4	2.1	
1958	3.5	2.2	2.1	2.3	1.5	1.3	1.3	1.1	1.4	2.1	1.9	2.1	
1959	2.6	1.8	2.5	2.2	1.6	1.1	1.2	1.1	2.3	1.5	2.4	2.4	
1960	1.4	1.5	1.3	2.0	1.2	2.0	1.5	1.4	2.4	1.4	2.2	2.5	
1961	1.9	1.8	1.4	2.0	1.6	1.6	1.0	1.1	1.9	2.2	2.1	2.2	
1962	2.1	1.7	1.3	1.7	1.5	1.1	0.8	1.6	1.5	2.2	2.1	1.5	
1963	1.9	2.1	2.1	2.1	2.1	1.3	1.0	1.2	2.1	2.6	2.2	2.4	
1964	1.8	1.9	1.5	1.5	1.3	1.0	1.6	1.6	1.4	2.5	2.2	1.9	
1965	2.2	1.9	1.9	1.2	1.2	1.3	1.0	1.0	3.4	2.3	2.2	2.1	
1966	2.4	2.5	1.7	1.6	1.5	2.3	1.8	1.2	1.4	2.8	2.4	2.3	
1967	2.1	2.0	2.4	2.4	1.3	1.4	1.1	1.0	1.3	1.9	2.5	2.0	
1968	2.4	0.9	1.9	1.0	1.4	2.0	1.0	1.0	0.9	1.9	1.4	1.9	
1969	2.4	2.1	1.6	1.4	1.5	1.0	1.0	1.3	1.9	2.2	2.3	1.9	
1970	2.3	2.2	2.2	1.6	1.8	1.6	1.2	1.3	1.3	2.6	2.3	1.7	
1971	1.7	2.0	1.4	1.5	1.3	1.0	1.2	1.5	1.7	1.6	2.2	3.1	
1972	2.8	2.6	2.4	2.0	2.0	2.1	1.3	1.1	1.5	2.6	1.5	2.8	
1973	2.1	1.8	2.0	1.8	1.3	1.8	0.8	1.3	1.3	2.7	3.2	2.3	
1974	1.1	2.2	1.7	1.7	1.1	1.7	0.6	0.9	0.8	2.9	1.9	1.3	
1975	1.9	1.2	1.4	1.5	0.7	0.6	1.0	0.9	1.4	1.6	1.9	2.6	

LARGEST HS(METRES) FOR STATION 160 = 3.5

MEAN HS(METRES) BY MONTH AND YEAR

STATION 161

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.6	0.6	0.5	0.7	0.4	0.4	0.2	0.6	0.6	0.8	0.6	0.5
1957	0.6	0.7	0.4	0.9	0.5	0.5	0.3	0.4	0.6	0.7	0.8	0.8	0.6
1958	0.7	0.5	0.5	0.6	0.7	0.5	0.6	0.2	0.5	0.6	0.6	0.7	0.6
1959	0.7	0.6	0.7	0.7	0.7	0.3	0.5	0.5	0.5	0.5	0.8	0.7	0.6
1960	0.5	0.5	0.5	0.8	0.4	0.6	0.4	0.6	0.7	0.5	0.7	0.8	0.6
1961	0.6	0.7	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.8	0.6	0.7	0.6
1962	0.6	0.4	0.5	0.6	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.4	0.4
1963	0.6	0.4	0.6	0.5	0.5	0.4	0.4	0.3	0.4	0.7	0.8	0.6	0.5
1964	0.6	0.5	0.6	0.7	0.4	0.3	0.5	0.4	0.6	0.7	0.6	0.8	0.6
1965	0.5	0.7	0.4	0.4	0.6	0.6	0.3	0.4	0.8	0.5	0.6	0.7	0.5
1966	0.7	0.8	0.6	0.6	0.5	0.8	0.4	0.4	0.3	0.7	0.8	0.6	0.6
1967	0.7	0.6	0.6	0.6	0.4	0.4	0.5	0.5	0.4	0.7	0.7	0.7	0.6
1968	0.6	0.2	0.5	0.2	0.3	0.3	0.3	0.2	0.2	0.5	0.5	0.5	0.4
1969	0.7	0.5	0.6	0.7	0.7	0.4	0.3	0.4	0.5	0.8	0.7	0.4	0.6
1970	0.6	0.7	0.6	0.5	0.8	0.4	0.4	0.5	0.6	0.8	0.6	0.5	0.6
1971	0.5	0.8	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.4	0.8	0.8	0.5
1972	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.5	0.7	0.5	0.9	0.6
1973	0.6	0.7	0.7	0.8	0.4	0.5	0.2	0.4	0.3	0.7	0.6	0.6	0.5
1974	0.4	0.4	0.4	0.6	0.3	0.3	0.2	0.3	0.3	0.8	0.6	0.4	0.4
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.2	0.3	0.4	0.5	0.9	0.7	0.4
MEAN	0.6	0.6	0.5	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 161

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	1.8	1.8	1.6	2.2	1.6	1.4	0.9	2.0	2.1	2.5	1.3	
1957	2.2	2.2	1.6	2.2	1.5	1.3	0.9	1.3	1.5	2.2	2.4	2.3	
1958	2.7	1.4	1.6	1.4	2.2	1.7	1.5	1.3	1.5	2.4	1.6	2.4	
1959	2.5	2.1	2.5	1.9	2.2	1.0	1.2	1.4	2.0	2.1	2.2	2.3	
1960	1.3	1.5	1.3	2.1	1.3	1.8	1.6	1.6	2.4	1.3	2.1	2.1	
1961	2.4	2.4	1.8	2.4	2.0	1.4	1.0	1.1	1.3	2.3	1.5	2.0	
1962	1.8	1.6	1.4	2.0	1.6	1.0	0.9	1.6	1.8	2.3	1.9	1.5	
1963	2.3	2.3	2.0	2.1	2.3	1.2	1.1	1.4	1.6	2.6	2.4	2.5	
1964	1.4	1.8	1.3	2.0	1.4	1.0	1.9	1.7	1.9	2.3	2.2	2.2	
1965	1.5	2.1	2.0	1.3	1.4	1.4	1.0	1.0	2.8	2.2	2.6	2.2	
1966	2.1	2.4	2.0	2.2	1.8	2.4	1.5	1.0	1.9	2.5	2.0	1.5	
1967	2.0	1.9	2.2	2.3	1.2	1.8	1.1	1.1	1.2	1.9	2.2	1.9	
1968	2.4	0.8	2.2	0.9	1.9	2.3	1.0	1.0	0.9	2.2	1.8	1.9	
1969	2.3	2.0	1.5	1.9	1.7	1.0	1.1	1.1	1.4	2.4	2.3	1.8	
1970	2.3	2.4	2.1	1.3	2.0	2.4	1.3	2.1	1.3	2.4	2.2	1.5	
1971	1.6	2.4	1.4	1.8	1.4	1.0	1.2	2.2	1.6	1.4	2.3	2.7	
1972	2.7	2.1	2.0	2.1	2.0	2.5	1.3	1.1	1.4	2.6	2.0	2.7	
1973	1.6	2.3	2.1	2.3	1.6	1.4	0.9	1.5	1.6	2.3	2.5	1.7	
1974	1.1	1.9	1.1	2.2	1.2	1.8	0.6	0.9	0.9	2.7	1.6	1.7	
1975	2.2	1.1	1.8	2.1	0.7	0.6	1.0	0.9	1.5	1.9	2.5	2.3	

LARGEST HS(METRES) FOR STATION 161 = 2.8

STATION 162 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 7.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	4134	3694	1783	970	88	22	.	.	.	.	10691
0.50-0.99	.	131	1190	645	219	44	.	.	.	.	2223
1.00-1.49	.	.	.	27	3	3	.	.	.	.	64
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	4134	3825	2973	1642	349	69	0	0	0	0	0

AVERAGE HS(M) = 0.29 LARGEST HS(M) = 1.77 ANGLE CLASS % = 13.0

STATION 162 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 7.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2826	2239	2541	451	46	3	.	.	.	.	5074
0.50-0.99	.	1054	18	701	273	99	1	.	.	.	4115
1.00-1.49	.	.	.	22	66	35	3	.	.	.	1094
1.50-1.99	10	3	1	.	.	.	126
2.00-2.49	14
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2826	3293	2559	1174	401	162	8	0	0	0	0

AVERAGE HS(M) = 0.57 LARGEST HS(M) = 2.30 ANGLE CLASS % = 10.4

STATION 162 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 7.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2950	2789	3405	263	13	6	.	.	.	.	5758
0.50-0.99	.	1656	51	1018	164	4	.	.	.	.	3750
1.00-1.49	.	.	.	18	176	28	.	.	.	.	450
1.50-1.99	66	68	1	.	.	.	135
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2950	4445	3456	1299	419	109	1	0	0	0	0

AVERAGE HS(M) = 0.60 LARGEST HS(M) = 2.46 ANGLE CLASS % = 12.7

MEAN HS(METRES) BY MONTH AND YEAR

STATION 162

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.6	0.6	0.5	0.7	0.4	0.4	0.2	0.6	0.6	0.8	0.6	0.5
1957	0.6	0.7	0.4	0.9	0.5	0.5	0.3	0.3	0.6	0.7	0.8	0.8	0.6
1958	0.8	0.5	0.5	0.6	0.7	0.5	0.6	0.2	0.5	0.6	0.6	0.7	0.6
1959	0.7	0.6	0.7	0.7	0.7	0.3	0.5	0.5	0.5	0.5	0.8	0.7	0.6
1960	0.5	0.5	0.6	0.8	0.4	0.6	0.4	0.6	0.7	0.5	0.8	0.8	0.6
1961	0.6	0.7	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.8	0.6	0.7	0.6
1962	0.6	0.4	0.5	0.6	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.4	0.4
1963	0.6	0.4	0.6	0.5	0.5	0.4	0.4	0.3	0.4	0.7	0.8	0.6	0.5
1964	0.6	0.5	0.6	0.7	0.4	0.3	0.5	0.4	0.6	0.7	0.6	0.8	0.6
1965	0.5	0.7	0.4	0.4	0.6	0.6	0.3	0.4	0.8	0.5	0.6	0.7	0.5
1966	0.7	0.8	0.6	0.6	0.5	0.8	0.4	0.4	0.3	0.7	0.8	0.6	0.6
1967	0.7	0.6	0.6	0.6	0.4	0.4	0.5	0.5	0.4	0.7	0.7	0.7	0.6
1968	0.6	0.2	0.5	0.2	0.3	0.3	0.3	0.2	0.2	0.5	0.5	0.5	0.4
1969	0.7	0.5	0.6	0.7	0.7	0.4	0.3	0.4	0.5	0.8	0.7	0.4	0.6
1970	0.6	0.7	0.6	0.5	0.8	0.4	0.4	0.5	0.6	0.8	0.6	0.5	0.6
1971	0.5	0.8	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.4	0.8	0.8	0.5
1972	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.5	0.7	0.5	0.9	0.6
1973	0.6	0.7	0.7	0.8	0.4	0.4	0.2	0.4	0.3	0.7	0.6	0.6	0.5
1974	0.4	0.4	0.4	0.6	0.3	0.3	0.2	0.3	0.3	0.8	0.6	0.4	0.4
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.2	0.3	0.4	0.5	0.9	0.7	0.4
MEAN	0.6	0.6	0.5	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 162

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.3	1.8	1.8	1.4	2.2	1.6	1.4	0.9	2.0	2.1	2.5	1.3
1957	2.2	2.2	1.6	2.2	1.5	1.3	0.9	1.3	1.5	2.2	2.4	2.3
1958	2.7	1.4	1.6	1.4	2.2	1.7	1.5	1.3	1.5	2.4	1.6	2.4
1959	2.5	2.1	2.5	1.9	2.2	0.9	1.2	1.4	2.0	2.1	2.2	2.3
1960	1.3	1.5	1.3	2.1	1.3	1.8	1.6	1.7	2.4	1.3	2.1	2.1
1961	2.4	2.4	1.8	2.4	2.0	1.4	1.0	1.1	1.3	2.3	1.5	2.0
1962	1.8	1.6	1.4	2.0	1.6	1.0	0.9	1.6	1.8	2.3	1.9	1.5
1963	2.3	2.3	2.1	2.1	2.3	1.2	1.1	1.4	1.6	2.6	2.4	2.5
1964	1.4	1.8	1.3	2.0	1.4	1.0	1.9	1.7	1.9	2.3	2.2	2.2
1965	1.5	2.1	2.0	1.3	1.4	1.4	1.0	1.0	2.8	2.2	2.6	2.2
1966	2.1	2.4	2.0	2.2	1.8	2.4	1.5	1.0	1.9	2.5	2.2	1.5
1967	2.0	1.9	2.2	2.3	1.2	1.8	1.1	1.1	1.2	1.9	2.2	2.0
1968	2.4	0.8	2.2	1.0	1.9	2.3	1.0	1.0	0.9	2.2	1.8	1.9
1969	2.3	2.0	1.5	1.9	1.7	1.0	1.1	1.1	1.4	2.4	2.3	1.8
1970	2.3	2.4	2.1	1.3	2.0	2.4	1.3	2.1	1.3	2.4	2.2	1.5
1971	1.6	2.4	1.4	1.8	1.4	1.0	1.2	2.2	1.6	1.1	2.3	2.7
1972	2.7	2.1	2.0	2.1	2.0	2.5	1.3	1.1	1.4	2.6	2.0	2.7
1973	1.6	2.3	2.1	2.3	1.6	1.4	0.9	1.5	1.6	2.3	2.5	1.7
1974	1.1	2.0	1.1	2.2	1.2	1.8	0.6	0.9	0.9	2.7	1.6	1.7
1975	2.2	1.1	1.8	2.1	0.7	0.6	1.0	0.9	1.5	1.9	2.5	2.3

LARGEST HS(METRES) FOR STATION 162 = 2.8

STATION 163 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 6.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	4341	4892	7111	814	299	1090	1197	550	1540	965	14874
0.50-0.99	.	3066	133	3263	850	10	10	3	6	11	11029
1.00-1.49	.	.	.	82	951	220	.	.	.	.	4286
1.50-1.99	321	374	1	.	.	.	1269
2.00-2.49	1	17	.	1	.	.	19
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	4341	7958	7244	4189	2422	1721	1208	554	1546	976	0

AVERAGE HS(M) = 0.64 LARGEST HS(M) = 2.81 ANGLE CLASS % = 32.2

STATION 163 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 6.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2286	2760	11	1208	319	1254	367	11	61	10	7079
0.50-0.99	.	1071	3713	1979	201	220	34	1	8	3	6459
1.00-1.49	.	.	30	44	465	398	88	3	.	.	2963
1.50-1.99	102	321	104	18	.	.	589
2.00-2.49	17	47	46	20	1	.	131
2.50-2.99	3	8	8	3	.	.	22
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2286	3831	3754	3231	1107	2248	647	56	70	13	0

AVERAGE HS(M) = 0.67 LARGEST HS(M) = 2.91 ANGLE CLASS % = 17.3

STATION 163 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 6.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	2198	3003	2072	1974	537	32	.	.	.	.	9816
0.50-0.99	.	59	881	746	226	59	.	.	.	.	2041
1.00-1.49	23	.	.	.	.	.	21
1.50-1.99	1	.	.	.	.	.	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	2198	3062	2953	2720	857	91	0	0	0	0	0

AVERAGE HS(M) = 0.29 LARGEST HS(M) = 1.55 ANGLE CLASS % = 11.9

MEAN HS(METRES) BY MONTH AND YEAR

STATION 163

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.7	0.6	0.5	0.7	0.4	0.4	0.2	0.6	0.6	0.8	0.6	0.5
1957	0.6	0.7	0.4	0.9	0.5	0.5	0.3	0.3	0.6	0.7	0.8	0.8	0.6
1958	0.8	0.5	0.5	0.6	0.7	0.5	0.6	0.2	0.5	0.6	0.6	0.8	0.6
1959	0.7	0.6	0.7	0.7	0.7	0.3	0.5	0.5	0.5	0.5	0.8	0.8	0.6
1960	0.5	0.5	0.6	0.8	0.4	0.6	0.4	0.6	0.7	0.5	0.8	0.8	0.6
1961	0.6	0.7	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.8	0.6	0.7	0.6
1962	0.6	0.4	0.5	0.6	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.4	0.4
1963	0.6	0.4	0.6	0.5	0.5	0.4	0.4	0.3	0.4	0.7	0.8	0.6	0.5
1964	0.6	0.5	0.6	0.7	0.4	0.3	0.5	0.4	0.6	0.7	0.6	0.8	0.6
1965	0.5	0.7	0.4	0.4	0.6	0.6	0.3	0.4	0.8	0.5	0.6	0.7	0.5
1966	0.7	0.8	0.6	0.6	0.5	0.8	0.4	0.4	0.3	0.7	0.8	0.6	0.6
1967	0.7	0.6	0.6	0.6	0.4	0.4	0.5	0.5	0.4	0.7	0.7	0.7	0.6
1968	0.6	0.2	0.5	0.2	0.3	0.3	0.3	0.2	0.2	0.5	0.5	0.5	0.4
1969	0.7	0.5	0.6	0.7	0.7	0.4	0.3	0.4	0.5	0.8	0.7	0.4	0.6
1970	0.6	0.7	0.6	0.5	0.8	0.4	0.4	0.5	0.6	0.8	0.6	0.5	0.6
1971	0.5	0.8	0.5	0.4	0.4	0.3	0.4	0.4	0.5	0.4	0.8	0.8	0.5
1972	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.5	0.7	0.5	0.9	0.6
1973	0.6	0.7	0.7	0.8	0.4	0.4	0.2	0.4	0.3	0.7	0.6	0.6	0.5
1974	0.4	0.4	0.4	0.6	0.3	0.3	0.2	0.3	0.3	0.8	0.6	0.4	0.4
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.2	0.3	0.4	0.5	0.9	0.7	0.4
MEAN	0.6	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.7	0.7	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 163

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.3	1.8	1.8	1.4	2.2	1.6	1.4	0.9	2.0	2.1	2.5	1.3	
1957	2.2	2.2	1.6	2.2	1.5	1.3	0.9	1.3	1.5	2.2	2.4	2.3	
1958	2.9	1.3	1.6	1.4	2.2	1.7	1.5	1.3	1.5	2.4	1.6	2.4	
1959	2.5	2.1	2.5	1.9	2.2	0.9	1.2	1.4	2.0	2.1	2.2	2.3	
1960	1.3	1.5	1.3	2.1	1.3	1.8	1.3	1.7	2.4	1.3	2.1	2.1	
1961	2.4	2.4	1.8	2.4	2.0	1.4	1.0	1.1	1.3	2.3	1.5	2.0	
1962	1.8	1.6	1.4	2.0	1.6	1.0	0.9	1.6	1.8	2.3	1.9	1.5	
1963	2.3	2.3	2.1	2.1	2.3	1.2	1.1	1.4	1.6	2.6	2.4	2.5	
1964	1.4	1.9	1.3	2.0	1.4	1.0	1.9	1.7	1.9	2.3	2.2	2.2	
1965	1.5	2.1	2.0	1.3	1.4	1.4	1.0	1.0	2.9	2.2	2.6	2.2	
1966	2.1	2.5	2.0	2.2	1.8	2.4	1.5	1.0	1.9	2.5	2.2	1.5	
1967	2.0	1.9	2.2	2.3	1.2	1.8	1.1	1.1	1.2	2.0	2.3	2.0	
1968	2.4	0.8	2.2	1.0	1.9	2.3	1.0	1.0	0.9	2.2	1.8	1.9	
1969	2.3	2.0	1.5	1.9	1.7	1.0	1.1	1.1	1.4	2.4	2.3	1.8	
1970	2.3	2.4	2.1	1.3	2.0	2.4	1.3	2.1	1.3	2.4	2.2	1.5	
1971	1.6	2.4	1.4	1.8	1.4	1.0	1.2	2.2	1.6	1.1	2.3	2.7	
1972	2.7	2.2	2.0	2.1	2.0	2.5	1.3	1.1	1.4	2.6	2.0	2.7	
1973	1.6	2.3	2.1	2.3	1.6	1.4	0.9	1.5	1.6	2.3	2.5	1.7	
1974	1.1	2.0	1.1	2.2	1.2	1.8	0.6	0.9	0.9	2.7	1.6	1.7	
1975	2.2	1.1	1.8	2.1	0.7	0.6	1.0	0.9	1.5	1.9	2.5	2.3	

LARGEST HS(METRES) FOR STATION 163 = 2.9

STATION 164 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHOPELINE ANGLE = 11.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	4394	3622	1615	870	30	.	.	.	.	.	10531
0.5 - 0.99	.	77	869	686	25	.	.	.	.	.	1627
1.0 - 1.49	.	.	.	56	11	.	.	.	.	.	67
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	4394	3699	2484	1612	66	0	0	0	0	0	0

AVERAGE HS(M) = 0.26 LARGEST HS(M) = 1.19 ANGLE CLASS % = 12.3

STATION 164 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHOPELINE ANGLE = 11.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	3439	2162	2072	574	1	.	.	.	.	.	5601
0.5 - 0.99	.	799	15	646	56	.	.	.	.	.	3446
1.0 - 1.49	.	.	.	8	11	.	.	.	.	.	719
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	3439	2961	2087	1228	68	0	0	0	0	0	0

AVERAGE HS(M) = 0.49 LARGEST HS(M) = 1.81 ANGLE CLASS % = 9.8

STATION 164 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHOPELINE ANGLE = 11.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	3328	2686	2973	408	.	1	.	.	.	.	6014
0.5 - 0.99	.	1430	23	1030	5	.	.	.	.	.	4812
1.0 - 1.49	.	.	.	30	35	.	.	.	.	.	1058
1.5 - 1.99	655
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	3328	4116	2996	1468	40	1	0	0	0	0	0

AVERAGE HS(M) = 0.54 LARGEST HS(M) = 1.82 ANGLE CLASS % = 12.0

STATION 164 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 11.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	5499	5682	7588	1301	58	325	302	152	742	456	13216
0.5-0.99	.	3299	66	4592	115	1	.	.	.	.	12186
1.0-1.49	.	.	.	169	112	36	.	.	.	.	4793
1.5-1.99	15	59	.	.	.	.	344
2.0-2.49	3	.	.	.	.	74
2.5-2.99	6
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.99	0
GREATER	0
TOTAL	5499	8981	7654	6084	324	427	305	152	747	456	0

AVERAGE HS(M) = 0.61 LARGEST HS(M) = 2.66 ANGLE CLASS % = 30.6

STATION 164 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 11.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	3134	3547	15	1247	335	850	208	11	25	10	8135
0.5-0.99	.	1086	4317	1789	191	198	29	.	.	.	7069
1.0-1.49	.	.	32	25	809	347	99	8	.	.	3084
1.5-1.99	242	581	97	41	3	.	989
2.0-2.49	47	182	30	11	.	.	250
2.5-2.99	8	6	.	.	.	14
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.99	0
GREATER	0
TOTAL	3134	4633	4364	3061	1624	2146	469	72	28	10	0

AVERAGE HS(M) = 0.68 LARGEST HS(M) = 2.65 ANGLE CLASS % = 19.6

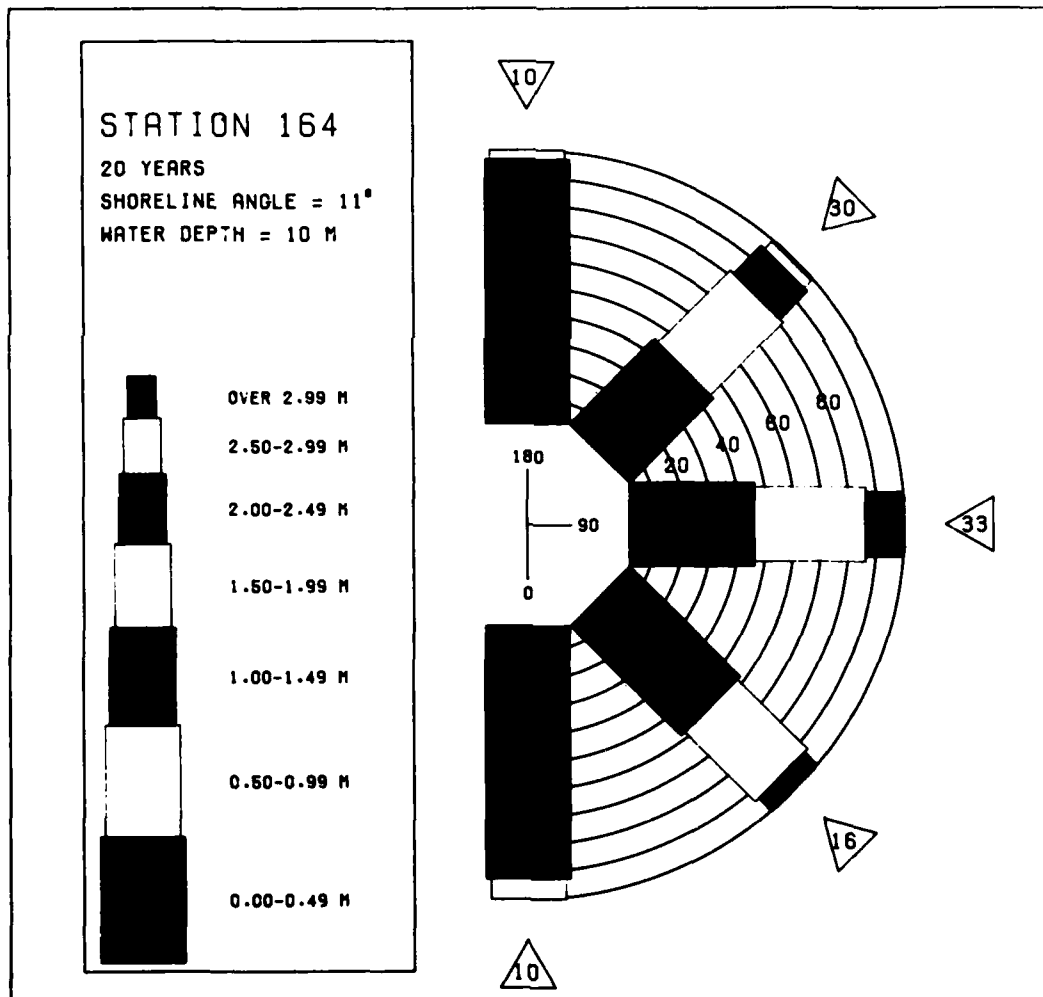
STATION 164 20 YEARS WAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 11.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0-0.49	3384	3769	2198	1825	451	44	.	.	.	.	11671
0.5-0.99	.	34	852	619	232	49	.	.	.	.	1786
1.0-1.49	.	.	.	1	13	.	.	.	.	.	14
1.5-1.99	0
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.99	0
GREATER	0
TOTAL	3384	3803	3050	2445	696	93	0	0	0	0	0

AVERAGE HS(M) = 0.25 LARGEST HS(M) = 1.23 ANGLE CLASS % = 13.5

STATION 164 20 YEARS FOR ALL DIRECTIONS											
SHORELINE ANGLE = 11.0 DEGREES AZIMUTH											
WATER DEPTH = 10.00 METRES											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-9.9	10.0-10.9	11.0-LONGER	
0.0-0.49	2318	2147	382	269	87	122	51	16	76	46	5514
0.50-0.99	.	672	1867	484	45	25	2	.	.	.	3095
1.00-1.49	.	.	13	811	103	34	2	.	.	.	970
1.50-1.99	.	.	.	25	40	6	1	4	.	.	140
2.00-2.49	1	1	1	.	.	32
2.50-2.99	22
3.00-3.49	22
3.50-3.99	22
4.00-4.49	22
4.50-4.99	22
5.00-5.99	22
6.00-6.99	22
7.00-7.99	22
8.00-8.99	22
9.00-9.99	22
10.00-10.99	22
11.00-11.99	22
12.00-12.99	22
13.00-13.99	22
14.00-14.99	22
15.00-15.99	22
16.00-16.99	22
17.00-17.99	22
18.00-18.99	22
19.00-19.99	22
20.00-20.99	22
21.00-21.99	22
22.00-22.99	22
23.00-23.99	22
24.00-24.99	22
25.00-25.99	22
26.00-26.99	22
27.00-27.99	22
28.00-28.99	22
29.00-29.99	22
30.00-30.99	22
31.00-31.99	22
32.00-32.99	22
33.00-33.99	22
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35.00-35.99	22
36.00-36.99	22
37.00-37.99	22
38.00-38.99	22
39.00-39.99	22
40.00-40.99	22
41.00-41.99	22
42.00-42.99	22
43.00-43.99	22
44.00-44.99	22
45.00-45.99	22
46.00-46.99	22
47.00-47.99	22
48.00-48.99	22
49.00-49.99	22
50.00-50.99	22
51.00-51.99	22
52.00-52.99	22
53.00-53.99	22
54.00-54.99	22
55.00-55.99	22
56.00-56.99	22
57.00-57.99	22
58.00-58.99	22
59.00-59.99	22
60.00-60.99	22
61.00-61.99	22
62.00-62.99	22
63.00-63.99	22
64.00-64.99	22
65.00-65.99	22
66.00-66.99	22
67.00-67.99	22
68.00-68.99	22
69.00-69.99	22
70.00-70.99	22
71.00-71.99	22
72.00-72.99	22
73.00-73.99	22
74.00-74.99	22
75.00-75.99	22
76.00-76.99	22
77.00-77.99	22
78.00-78.99	22
79.00-79.99	22
80.00-80.99	22
81.00-81.99	22
82.00-82.99	22
83.00-83.99	22
84.00-84.99	22
85.00-85.99	22
86.00-86.99	22
87.00-87.99	22
88.00-88.99	22
89.00-89.99	22
90.00-90.99	22
91.00-91.99	22
92.00-92.99	22
93.00-93.99	22
94.00-94.99	22
95.00-95.99	22
96.00-96.99	22
97.00-97.99	22
98.00-98.99	22
99.00-99.99	22
TOTAL	2318	2819	2262	1589	281	266	75	21	76	46	58440

AVE HS(M) = 0.50 LARGEST HS(M) = 2.66 TOTAL CASES = 58440



MEAN HS(METRES) BY MONTH AND YEAR

STATION 164

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.4	0.6	0.5	0.5	0.7	0.4	0.4	0.2	0.5	0.6	0.7	0.6	0.5
1957	0.5	0.6	0.3	0.8	0.5	0.5	0.3	0.3	0.6	0.6	0.7	0.8	0.5
1958	0.7	0.4	0.5	0.6	0.6	0.5	0.6	0.2	0.4	0.6	0.6	0.6	0.5
1959	0.6	0.6	0.6	0.6	0.6	0.3	0.4	0.5	0.5	0.4	0.7	0.7	0.6
1960	0.5	0.5	0.5	0.7	0.3	0.5	0.4	0.5	0.6	0.4	0.7	0.8	0.5
1961	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.7	0.5	0.7	0.5
1962	0.6	0.4	0.5	0.6	0.4	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.4
1963	0.6	0.4	0.6	0.5	0.5	0.3	0.4	0.3	0.3	0.7	0.7	0.5	0.5
1964	0.6	0.5	0.6	0.7	0.4	0.4	0.5	0.5	0.5	0.7	0.5	0.8	0.5
1965	0.5	0.6	0.5	0.4	0.6	0.5	0.3	0.4	0.7	0.4	0.5	0.7	0.5
1966	0.7	0.7	0.6	0.5	0.5	0.7	0.3	0.4	0.3	0.6	0.8	0.6	0.6
1967	0.7	0.5	0.6	0.6	0.4	0.3	0.5	0.4	0.4	0.7	0.7	0.6	0.5
1968	0.6	0.2	0.5	0.2	0.3	0.3	0.3	0.2	0.2	0.5	0.5	0.5	0.4
1969	0.7	0.5	0.5	0.6	0.6	0.4	0.3	0.4	0.5	0.7	0.6	0.4	0.5
1970	0.5	0.7	0.6	0.4	0.7	0.3	0.4	0.4	0.6	0.7	0.5	0.5	0.5
1971	0.5	0.7	0.5	0.4	0.4	0.3	0.4	0.3	0.4	0.3	0.7	0.7	0.5
1972	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.3	0.5	0.6	0.5	0.8	0.5
1973	0.6	0.6	0.6	0.7	0.4	0.4	0.2	0.4	0.3	0.7	0.6	0.5	0.5
1974	0.4	0.4	0.4	0.6	0.3	0.3	0.2	0.3	0.3	0.8	0.6	0.4	0.4
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.3	0.3	0.4	0.5	0.8	0.7	0.4
MEAN	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.6	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 164

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.2	1.3	2.0	1.2	1.6	1.5	1.2	1.0	1.6	2.4	2.2	1.1	
1957	2.1	2.1	1.2	2.0	1.2	1.1	0.9	1.1	1.2	1.9	1.9	1.8	
1958	2.4	1.2	1.4	1.4	1.5	1.2	1.3	1.0	1.2	2.2	1.8	2.1	
1959	2.0	1.5	2.3	2.0	1.6	1.1	1.1	1.3	2.0	1.5	2.2	2.0	
1960	1.2	1.5	1.2	2.2	1.2	1.9	1.0	1.2	2.2	1.2	2.1	2.1	
1961	2.3	1.7	1.3	1.5	1.4	1.6	1.0	1.1	1.2	2.2	1.2	2.4	
1962	2.1	1.6	1.4	2.3	1.4	1.0	0.9	1.4	1.3	2.3	2.1	1.3	
1963	1.9	1.5	2.1	1.9	1.7	1.1	1.2	1.3	0.9	2.7	2.0	1.7	
1964	1.9	2.1	1.2	1.4	1.1	1.0	1.3	1.5	1.4	2.2	1.5	2.1	
1965	1.4	1.4	2.1	1.3	1.2	1.2	1.0	0.9	1.9	2.0	2.3	2.1	
1966	2.1	1.5	1.9	1.5	1.2	1.8	1.2	1.0	1.4	2.4	2.1	1.4	
1967	1.8	1.8	2.2	2.2	1.3	1.3	1.1	1.1	1.2	1.9	2.2	1.7	
1968	2.2	0.8	1.8	1.0	1.3	1.7	1.0	1.0	0.8	1.6	1.5	1.9	
1969	2.1	1.7	1.7	1.4	1.4	1.0	1.0	1.1	1.1	1.9	2.1	1.4	
1970	2.2	2.2	1.6	1.4	1.4	1.5	1.2	1.5	1.3	1.7	2.0	1.3	
1971	1.4	1.9	1.3	1.3	1.3	1.1	1.0	1.4	1.4	0.9	2.0	2.6	
1972	2.5	2.2	2.2	1.5	1.4	1.6	1.1	1.1	1.1	2.4	1.2	2.5	
1973	2.0	1.8	2.1	1.6	1.2	1.2	0.9	1.4	1.5	2.4	2.7	1.9	
1974	1.1	2.0	1.1	1.5	1.1	1.1	0.6	0.9	1.0	2.6	1.4	1.3	
1975	1.9	1.0	1.4	1.5	0.8	0.7	1.0	1.1	1.2	1.5	1.7	2.5	

LARGEST HS(METRES) FOR STATION 164 = 2.7

MEAN HS(METRES) BY MONTH AND YEAR

STATION 165

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.3	0.6	0.5	0.5	0.7	0.4	0.4	0.2	0.5	0.6	0.7	0.6	0.5
1957	0.5	0.6	0.3	0.8	0.5	0.5	0.3	0.3	0.6	0.6	0.7	0.7	0.5
1958	0.6	0.4	0.5	0.5	0.6	0.5	0.6	0.2	0.4	0.5	0.6	0.6	0.5
1959	0.6	0.6	0.6	0.6	0.6	0.3	0.4	0.5	0.5	0.5	0.7	0.7	0.5
1960	0.4	0.5	0.5	0.7	0.3	0.5	0.4	0.5	0.6	0.4	0.7	0.8	0.5
1961	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.7	0.5	0.6	0.5
1962	0.5	0.4	0.4	0.5	0.3	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.4
1963	0.5	0.4	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.7	0.7	0.4	0.5
1964	0.5	0.5	0.6	0.7	0.4	0.4	0.5	0.5	0.5	0.7	0.5	0.8	0.5
1965	0.5	0.6	0.5	0.4	0.6	0.5	0.3	0.4	0.7	0.4	0.5	0.7	0.5
1966	0.6	0.7	0.6	0.5	0.5	0.7	0.3	0.4	0.3	0.6	0.7	0.6	0.5
1967	0.7	0.5	0.6	0.5	0.4	0.3	0.5	0.4	0.4	0.6	0.6	0.6	0.5
1968	0.5	0.2	0.4	0.2	0.3	0.3	0.3	0.2	0.2	0.5	0.5	0.5	0.3
1969	0.7	0.4	0.5	0.6	0.6	0.4	0.3	0.4	0.5	0.6	0.6	0.4	0.5
1970	0.5	0.6	0.6	0.4	0.7	0.3	0.4	0.5	0.6	0.6	0.5	0.5	0.5
1971	0.5	0.7	0.5	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.7	0.7	0.5
1972	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.6	0.5	0.8	0.5
1973	0.5	0.6	0.6	0.7	0.4	0.4	0.2	0.4	0.3	0.6	0.6	0.5	0.5
1974	0.4	0.4	0.4	0.6	0.3	0.3	0.2	0.3	0.3	0.8	0.5	0.4	0.4
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.3	0.3	0.4	0.5	0.8	0.7	0.4
MEAN	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.6	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 165

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.1	1.3	2.0	1.2	1.5	1.5	1.2	1.0	1.4	2.2	2.1	1.1	
1957	2.1	2.1	1.2	1.9	1.2	1.1	0.9	1.1	1.2	1.7	1.9	1.8	
1958	2.3	1.3	1.4	1.3	1.4	1.2	1.3	1.0	1.2	2.1	1.8	1.9	
1959	1.9	1.4	2.2	1.8	1.5	1.1	1.1	1.3	2.0	1.5	2.2	2.0	
1960	1.2	1.5	1.2	2.0	1.1	1.8	1.1	1.2	2.2	1.2	2.1	2.1	
1961	2.2	1.7	1.3	1.5	1.4	1.5	1.0	1.1	1.2	2.2	1.2	2.4	
1962	2.1	1.3	1.2	2.1	1.3	1.0	0.9	1.4	1.3	2.2	1.9	1.3	
1963	1.9	1.5	1.9	1.9	1.7	1.1	1.2	1.3	0.9	2.5	1.9	1.6	
1964	1.9	2.1	1.2	1.4	1.1	1.0	1.3	1.5	1.4	2.0	1.4	2.1	
1965	1.4	1.4	1.9	1.3	1.2	1.2	1.0	0.9	1.9	1.9	2.1	1.9	
1966	1.9	1.5	1.8	1.5	1.2	1.9	1.2	1.0	1.4	2.2	2.0	1.4	
1967	1.7	1.6	2.2	2.2	1.3	1.3	1.1	1.1	1.2	1.9	2.0	1.7	
1968	2.2	0.8	1.7	1.0	1.3	1.7	1.0	1.0	0.8	1.6	1.5	1.8	
1969	2.1	1.6	1.6	1.4	1.4	1.0	1.0	1.1	1.1	1.8	2.0	1.4	
1970	2.1	2.1	1.6	1.4	1.4	1.5	1.2	1.5	1.2	1.7	1.9	1.3	
1971	1.3	1.9	1.3	1.3	1.3	1.0	1.0	1.4	1.2	1.0	1.8	2.5	
1972	2.4	2.0	2.0	1.4	1.4	1.6	1.1	1.1	1.1	2.3	1.2	2.4	
1973	2.0	1.8	2.1	1.5	1.2	1.1	0.9	1.4	1.4	2.4	2.6	1.8	
1974	1.1	1.8	1.1	1.5	1.1	1.2	0.6	0.9	1.0	2.4	1.4	1.3	
1975	1.9	1.0	1.5	1.5	0.8	0.7	1.0	1.1	1.2	1.5	1.7	2.5	

LARGEST HS(METRES) FOR STATION 165 = 2.6

STATION 166 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 0. - 29.9
 SHORELINE ANGLE = 30.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	3985	3252	1582	908	61	.	.	.	.	.	9788
0.50 - 0.99	.	77	730	638	23	.	.	.	.	.	1487
1.00 - 1.49	.	.	.	63	8	.	.	.	.	.	70
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	3985	3329	2312	1609	91	0	0	0	0	0	

AVERAGE HS(M) = 0.25 LARGEST HS(M) = 1.30 ANGLE CLASS % = 11.3

STATION 166 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 30.0 - 59.9
 SHORELINE ANGLE = 30.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2732	1620	1505	451	.	.	.	.	.	.	4352
0.50 - 0.99	.	556	15	674	58	.	.	.	.	.	2512
1.00 - 1.49	.	.	.	15	17	.	.	.	.	.	747
1.50 - 1.99	1	.	.	.	.	.	32
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2732	2176	1520	1140	76	0	0	0	0	0	

AVERAGE HS(M) = 0.50 LARGEST HS(M) = 2.00 ANGLE CLASS % = 7.6

STATION 166 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 60.0 - 89.9
 SHORELINE ANGLE = 30.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PERIOD(SECONDS)										TOTAL
	0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0 - 0.49	2719	1688	1774	212	.	.	.	.	.	.	4407
0.50 - 0.99	.	835	17	611	25	.	.	.	.	.	2887
1.00 - 1.49	.	.	.	18	.	.	.	.	.	.	651
1.50 - 1.99	44
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	2719	2523	1791	861	28	0	0	0	0	0	

AVERAGE HS(M) = 0.50 LARGEST HS(M) = 1.71 ANGLE CLASS % = 7.9

STATION 166 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 90.0 - 119.9
 SHORELINE ANGLE = 30.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)										TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER	
0.0- 0.49	0.49	5467	4919	6050	1042	.	.	.	.	.	378	10764
0.50- 0.99	0.99	2746	2746	39	2717	1	.	.	.	.	.	9833
1.00- 1.49	1.49	.	.	.	59	35	.	.	.	.	.	2774
1.50- 1.99	1.99	.	.	.	.	1	.	.	.	.	.	94
2.00- 2.49	2.49	.	.	.	.	.	.	.	.	.	.	0
2.50- 2.99	2.99	.	.	.	.	.	.	.	.	.	.	0
3.00- 3.49	3.49	.	.	.	.	.	.	.	.	.	.	0
3.50- 3.99	3.99	.	.	.	.	.	.	.	.	.	.	0
4.00- 4.49	4.49	.	.	.	.	.	.	.	.	.	.	0
4.50- 4.99	4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		5467	7665	6089	3818	54	0	0	0	0	378	0
AVERAGE HS(M) = 0.57		LARGEST HS(M) = 2.07		ANGLE CLASS % = 23.5								

AVERAGE HS(M) = 0.57 LARGEST HS(M) = 2.07 ANGLE CLASS % = 23.5

STATION 166 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 120.0 - 149.9
 SHORELINE ANGLE = 30.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0- 0.49	0.49	4546	5889	37	2511	59	308	304	114	672	.	11929	
0.50- 0.99	0.99	.	1654	6812	32	302	242	102	15	.	.	11630	
1.00- 1.49	1.49	.	.	32	3271	173	414	92	34	3	.	4629	
1.50- 1.99	1.99	.	.	.	30	8	414	32	11	.	.	663	
2.00- 2.49	2.49	.	.	.	.	.	44	10	.	.	.	0
2.50- 2.99	2.99	.	.	.	.	.	.	.	.	.	.	0
3.00- 3.49	3.49	.	.	.	.	.	.	.	.	.	.	0
3.50- 3.99	3.99	.	.	.	.	.	.	.	.	.	.	0
4.00- 4.49	4.49	.	.	.	.	.	.	.	.	.	.	0
4.50- 4.99	4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		4546	7543	6881	5812	1326	1422	540	174	675	0	0	

AVERAGE HS(M) = 0.65 LARGEST HS(M) = 2.38 ANGLE CLASS % = 28.9

STATION 166 20 YEARS HAVE APPROACH ANGLE(DEGREES)= 150.0 - 179.9
 SHORELINE ANGLE = 30.0 DEGREES AZIMUTH
 WATER DEPTH = 10.00 METRES
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)		PERIOD(SECONDS)											TOTAL
		0.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- 9.9	10.0- 10.9	11.0- LONGER		
0.0- 0.49	0.49	4418	5023	3006	1866	626	229	.	.	.	.	15168
0.50- 0.99	0.99	.	80	1146	756	232	143	.	.	.	.	2357
1.00- 1.49	1.49	.	.	.	.	15	.	.	.	.	.	15
1.50- 1.99	1.99	.	.	.	.	.	.	.	.	.	.	0
2.00- 2.49	2.49	.	.	.	.	.	.	.	.	.	.	0
2.50- 2.99	2.99	.	.	.	.	.	.	.	.	.	.	0
3.00- 3.49	3.49	.	.	.	.	.	.	.	.	.	.	0
3.50- 3.99	3.99	.	.	.	.	.	.	.	.	.	.	0
4.00- 4.49	4.49	.	.	.	.	.	.	.	.	.	.	0
4.50- 4.99	4.99	.	.	.	.	.	.	.	.	.	.	0
5.00- GREATER	GREATER	.	.	.	.	.	.	.	.	.	.	0
TOTAL		4418	5103	4152	2622	873	372	0	0	0	0	0	

AVERAGE HS(M) = 0.26 LARGEST HS(M) = 1.31 ANGLE CLASS % = 17.5

MEAN HS(METRES) BY MONTH AND YEAR

STATION 166

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													MEAN
1956	0.3	0.6	0.5	0.5	0.6	0.4	0.4	0.2	0.5	0.5	0.5	0.5	0.5
1957	0.5	0.6	0.3	0.8	0.5	0.5	0.3	0.3	0.5	0.5	0.6	0.7	0.5
1958	0.6	0.4	0.5	0.5	0.6	0.5	0.6	0.3	0.4	0.5	0.6	0.6	0.5
1959	0.6	0.6	0.6	0.6	0.6	0.3	0.4	0.5	0.4	0.5	0.6	0.6	0.5
1960	0.4	0.5	0.5	0.7	0.3	0.5	0.4	0.5	0.6	0.4	0.6	0.7	0.5
1961	0.5	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.6	0.4	0.6	0.5
1962	0.5	0.4	0.4	0.5	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.4
1963	0.5	0.4	0.6	0.5	0.4	0.4	0.4	0.3	0.3	0.6	0.7	0.4	0.5
1964	0.5	0.5	0.6	0.7	0.4	0.4	0.5	0.5	0.5	0.7	0.5	0.7	0.5
1965	0.5	0.6	0.5	0.4	0.6	0.5	0.3	0.4	0.6	0.4	0.5	0.6	0.5
1966	0.6	0.7	0.5	0.5	0.5	0.7	0.3	0.4	0.3	0.5	0.6	0.5	0.5
1967	0.6	0.5	0.5	0.5	0.4	0.3	0.5	0.4	0.4	0.6	0.6	0.6	0.5
1968	0.5	0.1	0.4	0.2	0.3	0.3	0.3	0.2	0.2	0.5	0.5	0.4	0.3
1969	0.6	0.4	0.5	0.6	0.6	0.4	0.3	0.4	0.5	0.6	0.6	0.4	0.5
1970	0.5	0.6	0.6	0.4	0.7	0.4	0.4	0.5	0.6	0.6	0.5	0.4	0.5
1971	0.4	0.7	0.5	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.6	0.7	0.5
1972	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.4	0.5	0.6	0.5	0.8	0.5
1973	0.5	0.5	0.6	0.7	0.4	0.4	0.2	0.4	0.3	0.6	0.6	0.5	0.5
1974	0.4	0.4	0.4	0.5	0.3	0.3	0.2	0.3	0.3	0.7	0.5	0.4	0.4
1975	0.5	0.3	0.4	0.4	0.2	0.1	0.3	0.3	0.4	0.5	0.8	0.6	0.4
MEAN	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.6	

LARGEST HS(METRES) BY MONTH AND YEAR

STATION 166

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR													
1956	1.2	1.3	1.8	1.2	1.4	1.4	1.2	0.9	1.3	1.9	1.9	1.1	
1957	1.7	2.0	1.2	1.9	1.2	1.1	1.0	1.0	1.2	1.5	1.6	1.6	
1958	2.0	1.3	1.3	1.3	1.4	1.2	1.2	1.0	1.2	2.0	1.6	1.6	
1959	1.7	1.3	2.0	1.5	1.5	1.2	1.0	1.2	1.7	1.5	1.9	1.9	
1960	1.1	1.5	1.2	1.8	1.1	1.6	1.3	1.2	1.9	1.2	1.9	1.7	
1961	2.1	1.6	1.3	1.5	1.4	1.4	1.0	1.0	1.2	2.0	1.2	2.0	
1962	2.0	1.2	1.1	2.0	1.3	1.0	0.9	1.4	1.3	2.0	1.7	1.2	
1963	1.8	1.5	1.7	1.7	1.6	1.2	1.1	1.3	1.0	2.4	1.8	1.5	
1964	1.5	2.0	1.2	1.3	1.1	1.0	1.3	1.6	1.4	1.9	1.3	1.9	
1965	1.3	1.4	1.8	1.3	1.2	1.2	1.1	0.9	1.7	1.8	1.9	1.7	
1966	1.8	1.5	1.6	1.5	1.2	2.0	1.2	1.0	1.3	2.0	1.8	1.3	
1967	1.6	1.5	2.0	2.0	1.3	1.3	1.1	1.1	1.2	1.5	1.8	1.4	
1968	2.0	0.8	1.6	0.9	1.3	1.7	0.9	1.0	0.7	1.5	1.3	1.6	
1969	2.1	1.6	1.5	1.3	1.3	1.0	1.0	1.1	1.1	1.7	1.9	1.4	
1970	1.9	2.0	1.6	1.3	1.4	1.5	1.2	1.5	1.1	1.6	1.4	1.2	
1971	1.2	1.7	1.3	1.5	1.3	1.0	1.0	1.4	1.2	1.2	1.7	2.3	
1972	2.0	1.9	1.8	1.4	1.4	1.6	1.0	1.1	1.1	2.1	1.2	2.3	
1973	1.9	1.5	2.1	1.5	1.2	1.1	0.9	1.4	1.4	2.0	2.2	1.6	
1974	1.1	1.6	1.0	1.5	1.1	1.3	0.6	0.9	1.0	2.1	1.3	1.2	
1975	1.7	1.0	1.5	1.4	0.8	0.7	1.0	1.0	1.2	1.5	1.6	2.1	

LARGEST HS(METRES) FOR STATION 166 = 2.4

APPENDIX H

RETURN PERIOD AND MEAN WAVE PARAMETER DATA

APPENDIX I

DURATION OF WAVES OVER A SPECIFIED WAVE HEIGHT

Duration, hr, of Waves with H_g over a Specified Wave Height

Station No.	Duration	H_g , m										Station No.	Duration	H_g , m									
		0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0			0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
1	Mean	25*	18	14	9	6	7	5	9	--	--	20	Mean	29	22	18	15	11	8	7	5	--	--
	Max	531	222	138	60	33	24	9	9	--	--		Max	633	360	153	108	60	33	15	6	--	--
2	Mean	28	20	16	10	7	6	6	5	--	--	21	Mean	19	18	17	11	10	8	11	--	--	--
	Max	534	240	144	69	39	27	21	9	--	--		Max	282	132	114	102	63	18	12	--	--	--
3	Mean	30	21	18	11	8	6	7	5	3	--	22	Mean	23	19	14	10	8	5	4	--	--	--
	Max	534	243	144	69	42	36	24	9	3	--		Max	735	324	102	84	39	21	9	--	--	--
4	Mean	31	21	19	12	9	6	6	6	3	3	23	Mean	22	19	16	12	9	10	8	--	--	--
	Max	534	243	150	75	42	36	24	21	3	3		Max	735	456	114	96	69	30	15	--	--	--
5	Mean	35	23	18	12	9	7	6	5	--	--	24	Mean	23	20	17	13	12	9	6	--	--	--
	Max	3,567	294	153	69	42	36	21	12	--	--		Max	633	456	168	111	96	66	36	9	--	--
6	Mean	34	22	17	11	9	7	5	8	--	--	25	Mean	25	22	18	14	14	12	14	7	--	--
	Max	3,564	294	153	69	39	36	18	12	--	--		Max	798	456	153	123	102	69	39	9	--	--
7	Mean	26	19	16	12	10	8	6	6	--	--	26	Mean	23	21	17	13	14	12	16	7	--	--
	Max	834	360	123	84	57	24	12	6	--	--		Max	798	456	186	120	99	69	39	9	--	--
8	Mean	30	19	16	12	9	8	6	8	--	--	27	Mean	16	15	15	11	10	6	6	--	--	--
	Max	606	357	126	63	51	30	15	12	--	--		Max	246	243	117	96	45	18	6	--	--	--
9	Mean	28	19	16	12	10	9	6	9	--	--	28	Mean	26	22	20	15	15	14	13	7	--	--
	Max	606	360	135	63	48	27	15	9	--	--		Max	1,265	795	360	186	108	72	39	9	--	--
10	Mean	32	21	18	13	9	7	5	3	--	--	29	Mean	26	22	21	17	14	13	13	8	3	--
	Max	594	192	105	63	42	24	15	3	--	--		Max	603	492	270	147	102	69	39	18	3	--
11	Mean	32	21	18	12	9	7	6	3	--	--	30	Mean	25	21	19	16	14	11	12	7	3	--
	Max	597	192	105	63	45	24	15	3	--	--		Max	585	492	240	129	99	69	39	15	3	--
12	Mean	25	18	15	11	8	6	5	3	--	--	31	Mean	29	22	20	15	12	9	9	7	--	--
	Max	594	231	66	45	33	24	18	9	3	--		Max	1,431	405	186	120	72	45	30	12	--	--
13	Mean	23	17	14	10	8	7	6	6	--	--	32	Mean	32	24	22	18	16	16	12	8	6	--
	Max	594	228	66	45	33	21	15	9	--	--		Max	621	618	528	186	117	63	48	18	6	--
14	Mean	24	19	15	12	11	8	7	3	--	--	33	Mean	48	26	19	15	12	9	8	6	8	3
	Max	429	213	96	57	45	30	18	3	--	--		Max	2,775	435	189	132	60	30	27	18	12	3
15	Mean	25	19	16	12	10	8	6	5	--	--	34	Mean	49	28	20	15	12	10	8	7	8	3
	Max	786	228	96	54	42	36	18	6	--	--		Max	2,775	567	195	132	60	33	27	21	12	3
16	Mean	27	21	15	11	9	7	6	--	--	--	35	Mean	42	23	17	14	11	9	7	6	12	6
	Max	861	825	153	69	33	21	12	--	--	--		Max	1,971	231	186	108	60	30	27	21	12	6
17	Mean	29	22	17	13	10	8	7	5	--	--	36	Mean	37	22	18	13	10	9	10	6	9	3
	Max	864	477	156	105	60	30	15	6	--	--		Max	894	537	309	222	129	42	24	15	9	3
18	Mean	29	22	18	12	10	9	6	--	--	--	37	Mean	33	19	15	12	9	7	6	6	12	6
	Max	864	477	168	102	60	27	15	--	--	--		Max	597	189	129	63	45	24	24	12	12	6
19	Mean	30	23	17	12	9	8	6	--	--	--	38	Mean	43	23	17	14	11	9	7	5	9	3
	Max	696	474	159	69	60	27	15	--	--	--		Max	1,665	432	183	66	54	30	27	12	9	3

(Continued)

* Duration is shown in hours for H_g readings "greater than" 0.5, 1.0, etc.

(Sheet 1 of 5)

Station No.	Duration	H _s , m											Station No.	Duration	H _s , m										
		0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5			0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
39	Mean	33	21	16	12	9	7	7	5	6	3	--	58	Mean	28	20	17	13	10	9	6	3	--	--	--
	Max	990	372	186	66	42	27	21	9	6	3	--		Max	786	297	171	114	66	24	12	3	--	--	--
40	Mean	25	17	14	10	7	7	5	5	--	--	--	59	Mean	32	20	16	11	9	7	6	--	--	--	--
	Max	897	348	126	54	27	21	15	6	--	--	--		Max	1,578	411	174	84	36	18	9	--	--	--	--
41	Mean	22	15	13	10	7	7	4	6	--	--	--	60	Mean	35	23	19	13	9	8	7	12	--	--	--
	Max	543	180	111	54	24	18	9	6	--	--	--		Max	3,117	1,869	387	126	51	27	27	12	--	--	--
42	Mean	42	23	19	12	9	6	5	3	--	--	--	61	Mean	35	22	16	10	8	7	5	3	--	--	--
	Max	1,287	258	147	57	39	27	15	3	--	--	--		Max	2,952	1,572	168	54	30	24	9	3	--	--	--
43	Mean	41	23	19	12	9	6	5	3	--	--	--	62	Mean	34	23	19	13	9	8	7	3	--	--	--
	Max	1,287	258	147	54	30	24	15	3	--	--	--		Max	3,162	1,869	387	144	57	30	27	12	3	--	--
44	Mean	41	23	19	12	9	6	5	3	--	--	--	63	Mean	35	24	19	13	9	8	12	--	--	--	--
	Max	1,287	258	147	57	30	24	15	3	--	--	--		Max	3,117	1,869	387	126	51	27	21	12	--	--	--
45	Mean	41	23	18	12	9	6	5	3	--	--	--	64	Mean	32	22	15	10	8	8	5	3	--	--	--
	Max	1,287	258	144	54	30	24	15	3	--	--	--		Max	2,955	1,572	204	72	42	24	9	3	--	--	--
46	Mean	42	23	19	12	9	6	5	3	--	--	--	65	Mean	28	25	24	16	11	10	9	10	8	--	--
	Max	1,287	258	147	57	30	24	15	3	--	--	--		Max	1,782	1,773	597	192	66	42	27	21	9	--	--
47	Mean	34	19	16	12	9	8	6	5	--	--	--	66	Mean	28	18	17	15	11	11	9	11	12	6	--
	Max	1,029	237	126	66	36	27	12	6	--	--	--		Max	1,323	342	336	180	81	69	54	21	21	6	--
48	Mean	34	19	16	12	9	8	6	5	--	--	--	67	Mean	30	18	16	14	10	10	10	13	12	6	--
	Max	1,035	291	129	66	36	27	12	6	--	--	--		Max	1,806	342	336	195	81	69	54	21	21	6	--
49	Mean	35	19	16	11	9	6	5	6	--	--	--	68	Mean	33	19	15	12	10	15	8	9	--	--	--
	Max	2,466	339	285	66	27	21	12	6	--	--	--		Max	2,841	342	186	75	60	51	21	9	--	--	--
50	Mean	35	20	16	11	8	6	6	6	--	--	--	69	Mean	34	19	15	12	10	10	14	10	15	--	--
	Max	2,481	339	285	63	33	21	12	6	--	--	--		Max	2,841	342	333	189	75	60	51	21	15	--	--
51	Mean	31	19	15	10	8	6	6	6	--	--	--	70	Mean	35	18	14	11	9	9	10	12	6	--	--
	Max	1,569	303	279	63	24	18	12	6	--	--	--		Max	2,292	513	324	177	66	54	21	21	6	--	--
52	Mean	27	17	14	10	7	6	3	3	--	--	--	71	Mean	31	17	13	9	8	8	6	3	--	--	--
	Max	942	306	75	51	24	15	3	3	--	--	--		Max	2,208	324	285	114	39	21	18	3	--	--	--
53	Mean	27	18	13	9	7	6	3	--	--	--	--	72	Mean	30	17	14	12	10	9	11	7	12	--	--
	Max	948	210	111	75	30	15	3	--	--	--	--		Max	2,211	342	324	186	69	54	42	21	12	--	--
54	Mean	26	18	15	11	7	6	5	--	--	--	--	73	Mean	31	18	15	13	10	9	10	13	8	--	--
	Max	678	210	117	81	33	18	9	--	--	--	--		Max	2,292	347	327	186	69	60	48	21	12	--	--
55	Mean	27	19	15	11	7	7	5	--	--	--	--	74	Mean	36	21	16	13	11	11	13	7	8	6	--
	Max	1,353	213	120	81	30	18	9	--	--	--	--		Max	1,347	459	339	318	183	99	42	15	12	6	--
56	Mean	27	19	17	12	9	8	5	--	--	--	--	75	Mean	31	20	17	14	11	12	13	7	8	3	--
	Max	735	231	174	87	42	21	9	--	--	--	--		Max	1,347	429	339	315	183	102	39	15	12	3	--
57	Mean	27	19	16	12	10	8	5	--	--	--	--	76	Mean	31	20	18	15	12	11	15	7	8	6	--
	Max	783	261	171	90	45	21	9	--	--	--	--		Max	1,347	429	339	318	183	99	72	15	12	6	--

(Continued)

(Sheet 2 of 5)

Station No.	Dura- tion	Hg, m										Station No.	Dura- tion	Hg, m									
		0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0			0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
77	Mean	33	22	20	17	14	13	9	13	6	3	96	Mean	38	22	18	12	10	9	5	--	--	--
	Max	1,347	426	345	294	108	87	48	39	12	3		Max	948	384	246	90	39	27	12	--	--	--
78	Mean	34	23	22	17	14	12	9	12	6	3	97	Mean	32	19	14	11	10	7	5	--	--	--
	Max	1,851	429	345	231	114	93	48	39	12	3		Max	942	336	246	90	36	27	6	--	--	--
79	Mean	30	23	21	17	15	12	11	13	6	3	98	Mean	31	19	14	11	10	7	6	--	--	--
	Max	873	510	348	222	159	93	48	42	12	3		Max	942	336	264	87	36	18	9	--	--	--
80	Mean	32	24	21	17	15	11	12	14	6	3	99	Mean	30	19	15	11	10	7	6	--	--	--
	Max	1,473	750	390	222	159	93	48	42	12	3		Max	819	336	258	87	33	27	15	--	--	--
81	Mean	33	25	22	17	15	12	11	15	6	3	100	Mean	29	18	15	11	10	7	6	--	--	--
	Max	1,473	753	477	222	159	93	48	42	12	3		Max	819	336	258	84	36	27	18	--	--	--
82	Mean	42	28	24	19	16	12	11	12	5	6	101	Mean	34	18	14	10	9	8	8	--	--	--
	Max	2,121	1,056	375	312	165	102	72	42	9	3		Max	885	411	156	57	48	24	12	--	--	--
83	Mean	42	27	23	18	16	12	11	13	5	5	102	Mean	30	18	13	10	9	10	8	--	--	--
	Max	2,127	1,056	375	309	165	102	72	42	9	6		Max	825	411	129	54	48	24	12	--	--	--
84	Mean	42	26	23	18	15	13	11	13	6	5	103	Mean	32	19	16	11	9	11	8	--	--	--
	Max	2,127	1,059	375	309	165	102	72	42	9	6		Max	825	429	141	72	51	36	12	--	--	--
85	Mean	33	23	20	15	14	12	14	5	3	3	104	Mean	31	19	16	11	9	11	8	--	--	--
	Max	846	405	372	267	168	102	90	39	9	3		Max	825	429	141	72	51	36	12	--	--	--
86	Mean	32	22	18	15	12	12	15	14	6	--	105	Mean	25	16	14	10	8	6	6	--	--	--
	Max	846	387	366	264	168	96	78	39	9	--		Max	558	174	84	42	30	18	9	--	--	--
87	Mean	36	25	22	18	14	13	15	12	8	3	106	Mean	27	17	15	12	9	7	5	--	--	--
	Max	831	789	570	300	207	159	87	39	15	3		Max	567	255	96	48	30	18	9	--	--	--
88	Mean	41	23	17	12	9	7	6	--	--	--	107	Mean	26	18	15	11	9	7	4	--	--	--
	Max	1,365	285	183	63	39	27	12	--	--	--		Max	621	330	114	42	27	18	6	--	--	--
89	Mean	37	21	15	11	9	8	5	--	--	--	108	Mean	26	18	15	11	10	8	4	--	--	--
	Max	1,314	282	186	69	36	21	9	--	--	--		Max	591	333	117	42	27	21	6	--	--	--
90	Mean	40	22	16	12	11	8	6	--	--	--	109	Mean	30	18	17	11	8	7	3	--	--	--
	Max	1,311	1,005	186	69	48	21	9	--	--	--		Max	1,425	216	99	45	33	21	3	--	--	--
91	Mean	38	21	16	11	11	8	6	--	--	--	110	Mean	32	19	15	10	8	6	6	--	--	--
	Max	1,308	429	183	69	36	18	9	--	--	--		Max	2,154	216	105	60	39	21	6	--	--	--
92	Mean	38	20	15	12	10	8	5	--	--	--	111	Mean	35	21	16	11	9	8	5	--	--	--
	Max	1,308	429	183	69	48	18	9	--	--	--		Max	2,322	234	108	60	39	24	6	--	--	--
93	Mean	37	20	16	12	9	8	5	--	--	--	112	Mean	35	21	17	12	8	8	3	--	--	--
	Max	1,305	579	180	69	54	21	9	--	--	--		Max	2,619	225	123	66	42	27	3	--	--	--
94	Mean	33	20	16	12	10	8	11	--	--	--	113	Mean	36	22	19	13	11	7	9	--	--	--
	Max	1,209	522	180	171	51	27	21	--	--	--		Max	1,113	432	204	93	57	36	15	--	--	--
95	Mean	36	21	16	11	9	8	6	3	--	--	114	Mean	45	27	21	15	12	9	11	6	3	--
	Max	951	189	93	57	36	27	9	3	--	--		Max	2,706	525	447	180	78	48	30	15	3	--

(Continued)

(Sheet 3 of 5)

Station No.	Duration	H _g , m										Station No.	Duration	H _g , m									
		0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0			0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
115	Mean	39	21	18	12	11	7	5	18	9	--	134	Mean	34	24	23	18	8	10	3	--	--	--
	Max	2,679	399	336	135	90	21	9	45	9	--		Max	2,193	300	153	126	45	21	3	--	--	--
116	Mean	42	24	19	14	12	8	8	6	--	--	135	Mean	44	28	27	20	12	8	5	4	3	--
	Max	2,694	456	396	174	78	36	18	6	--	--		Max	1,755	723	324	186	75	33	9	6	3	--
117	Mean	42	23	18	13	11	9	8	18	--	--	136	Mean	44	28	27	20	12	8	5	4	3	--
	Max	2,694	456	393	156	78	36	18	18	--	--		Max	1,755	723	324	186	75	33	9	6	3	--
118	Mean	38	23	20	13	10	7	5	3	3	3	137	Mean	43	29	27	20	13	8	5	4	3	--
	Max	2,694	531	231	126	48	21	12	3	3	3		Max	1,755	723	300	186	75	33	9	6	3	--
119	Mean	29	19	16	11	10	8	3	3	3	9	138	Mean	48	35	32	22	16	13	8	5	3	3
	Max	2,391	507	177	108	33	21	3	3	3	9		Max	1,902	1,221	567	237	111	51	27	9	3	3
120	Mean	36	22	19	12	8	5	6	3	3	27	139	Mean	49	35	31	23	16	14	8	5	3	3
	Max	1,635	309	114	102	30	9	6	3	3	27		Max	1,902	1,221	567	237	111	57	27	9	3	3
121	Mean	35	23	18	11	8	4	6	3	3	--	140	Mean	49	35	32	24	16	14	8	5	3	3
	Max	1,632	306	114	102	24	9	6	3	3	--		Max	1,902	1,221	567	237	111	57	27	9	3	3
122	Mean	36	22	19	11	8	5	6	3	3	--	141	Mean	55	39	32	25	18	16	12	7	6	3
	Max	1,635	309	114	102	30	9	6	3	3	--		Max	1,797	1,197	1,035	303	114	81	60	18	9	3
123	Mean	42	25	19	13	11	7	9	3	9	--	142	Mean	56	39	33	25	17	17	12	7	6	3
	Max	3,018	486	288	96	51	30	12	3	9	--		Max	1,797	1,197	1,035	303	114	81	60	21	9	3
124	Mean	42	25	19	13	10	7	6	3	27	--	143	Mean	55	40	33	25	17	17	12	8	8	3
	Max	3,018	489	285	99	51	30	12	3	27	--		Max	1,797	1,197	1,035	303	114	81	60	21	12	3
125	Mean	41	24	19	12	11	7	6	3	81	--	144	Mean	53	38	33	23	15	10	5	3	23	9
	Max	3,018	486	288	99	51	27	12	3	81	--		Max	1,803	1,791	711	240	114	60	9	3	36	9
126	Mean	42	26	20	14	12	8	8	3	--	--	145	Mean	54	38	33	23	15	10	5	3	68	27
	Max	2,904	912	252	99	60	30	15	3	--	--		Max	1,803	1,791	750	237	129	60	9	3	108	27
127	Mean	41	27	23	15	12	7	4	3	--	--	146	Mean	52	37	32	22	15	10	5	--	--	--
	Max	2,469	1,593	441	99	60	21	6	3	--	--		Max	1,803	1,791	708	240	111	60	9	--	--	--
128	Mean	42	28	24	17	12	6	4	3	3	--	147	Mean	48	30	26	17	12	7	15	--	--	--
	Max	2,421	1,593	441	99	60	21	6	3	3	--		Max	2,175	1,668	738	186	51	24	27	--	--	--
129	Mean	42	27	23	16	12	7	4	3	9	--	148	Mean	55	34	31	21	15	11	6	--	--	--
	Max	2,124	1,593	441	99	60	21	6	3	9	--		Max	2,439	1,704	1,083	330	114	57	9	--	--	--
130	Mean	42	29	24	17	12	7	4	3	3	--	149	Mean	56	33	28	19	16	12	9	8	--	--
	Max	2,124	1,593	447	93	63	24	6	3	3	--		Max	4,587	1,416	279	144	105	45	18	9	--	--
131	Mean	34	23	22	16	7	8	3	--	--	--	150	Mean	57	35	29	20	15	12	10	8	--	--
	Max	2,256	303	150	102	39	15	3	--	--	--		Max	4,587	1,431	279	147	105	45	18	9	--	--
132	Mean	34	24	22	17	8	9	3	--	--	--	151	Mean	59	35	29	20	15	12	10	8	--	--
	Max	2,259	303	150	102	45	18	3	--	--	--		Max	4,587	1,416	279	144	105	45	18	9	--	--
133	Mean	34	23	22	18	8	9	3	--	--	--	152	Mean	58	32	24	17	13	8	3	23	--	--
	Max	2,193	303	153	123	45	18	3	--	--	--		Max	4,503	1,497	216	147	72	18	3	27	--	--

(Continued)

(Sheet 4 of 5)

Station No.	Dura- tion	Hg, m											Station No.	Dura- tion	Hg, m										
		0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5			0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
153	Mean	58	31	24	17	13	8	3	68	--	--	--	160	Mean	42	26	23	14	11	11	3	81	--	--	--
	Max	4,503	1,485	213	147	72	18	3	81	--	--	--		Max	3,450	816	576	156	60	33	3	81	--	--	--
154	Mean	58	32	24	17	13	8	3	203	--	--	--	161	Mean	26	17	13	8	5	--	--	--	--	--	--
	Max	4,503	1,485	213	147	72	18	3	243	--	--	--		Max	348	147	90	39	18	--	--	--	--	--	--
155	Mean	58	41	32	20	14	11	6	6	--	--	--	162	Mean	26	17	13	9	5	--	--	--	--	--	--
	Max	2,259	1,560	816	252	78	39	9	6	--	--	--		Max	348	204	90	42	18	--	--	--	--	--	--
156	Mean	57	38	31	20	14	10	5	3	--	--	--	163	Mean	26	17	13	9	6	--	--	--	--	--	--
	Max	2,259	1,560	798	252	78	39	9	3	--	--	--		Max	348	204	90	42	21	--	--	--	--	--	--
157	Mean	57	37	30	19	14	9	5	3	--	--	--	164	Mean	25	16	12	6	6	--	--	--	--	--	--
	Max	2,259	1,551	798	252	78	21	9	3	--	--	--		Max	366	162	87	42	9	--	--	--	--	--	--
158	Mean	44	29	27	18	13	8	6	9	--	--	--	165	Mean	24	15	10	5	3	--	--	--	--	--	--
	Max	3,600	1,026	585	225	84	33	9	9	--	--	--		Max	366	201	87	27	3	--	--	--	--	--	--
159	Mean	42	26	23	12	12	12	3	27	--	--	--	166	Mean	23	14	7	5	9	--	--	--	--	--	--
	Max	3,450	999	537	156	57	33	3	27	--	--	--		Max	363	201	45	15	9	--	--	--	--	--	--

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711 p. in various pagings : ill. ; 27 cm. -- (WIS report ; 9)

Cover title.

"January 1983."

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"Wave Information Studies of U.S. Coastlines."

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